

FIG. 1

BEST AVAILABLE COPY

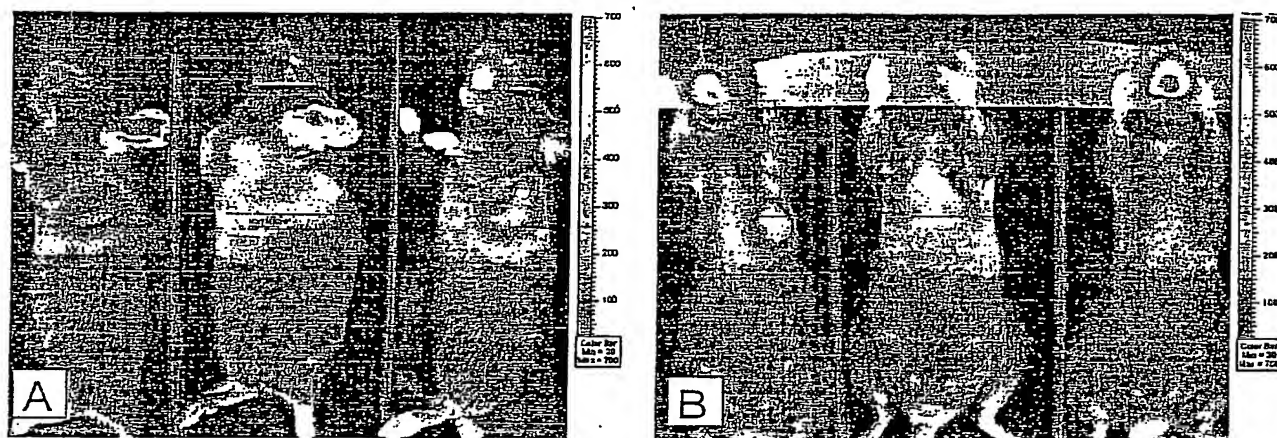


FIG. 2

BEST AVAILABLE COPY

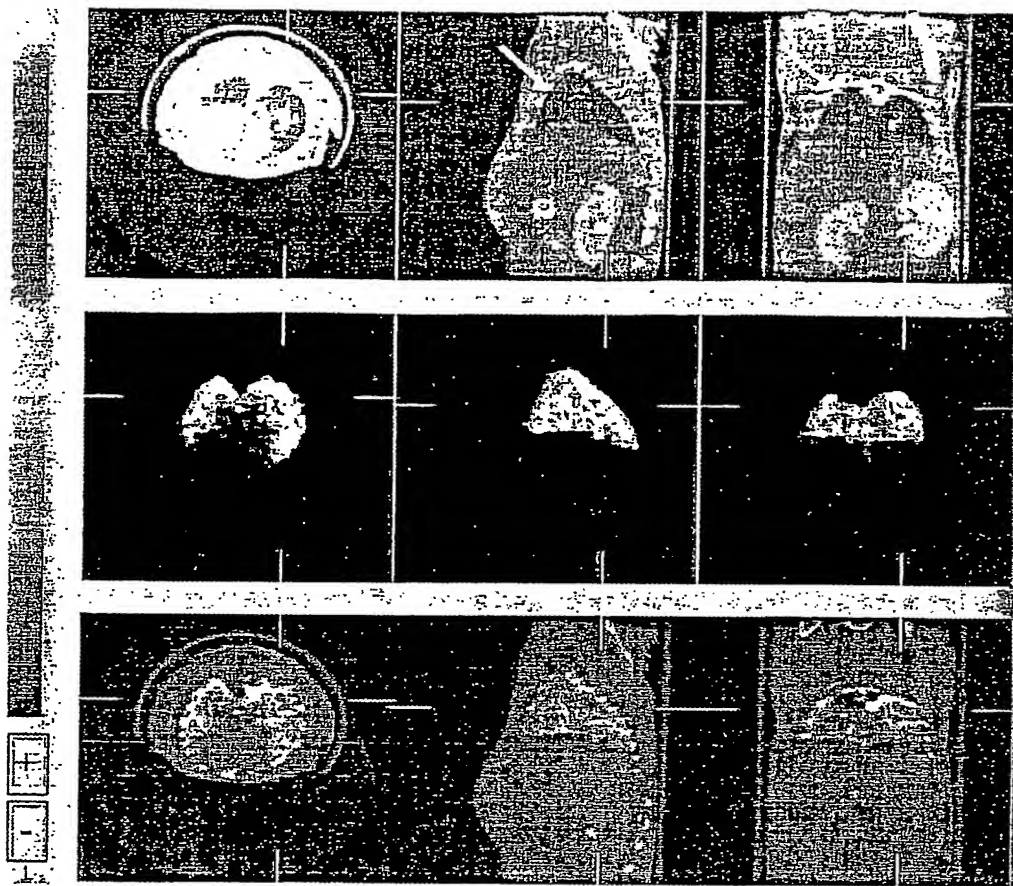


FIG. 3

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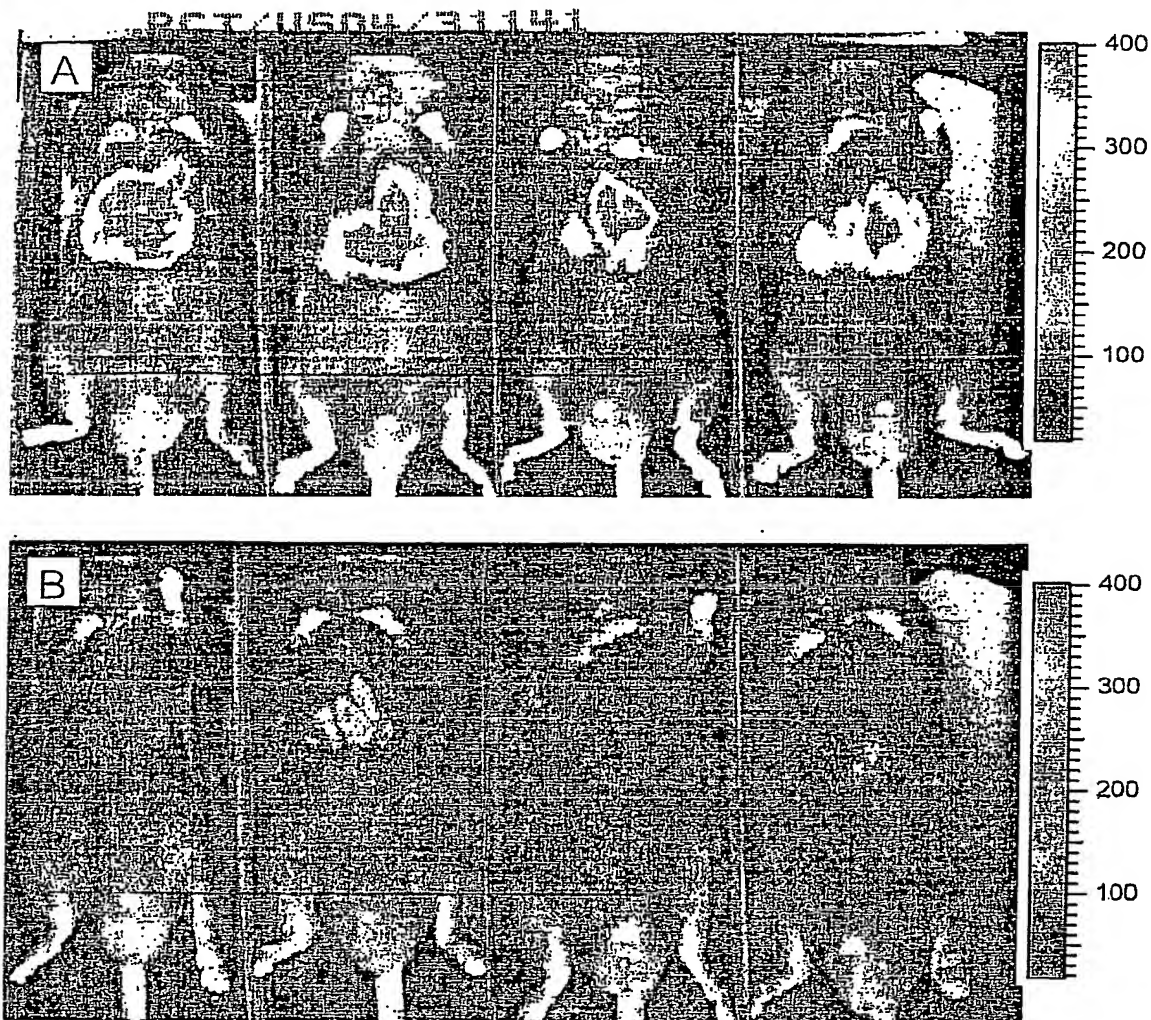


FIG. 4

BEST AVAILABLE COPY



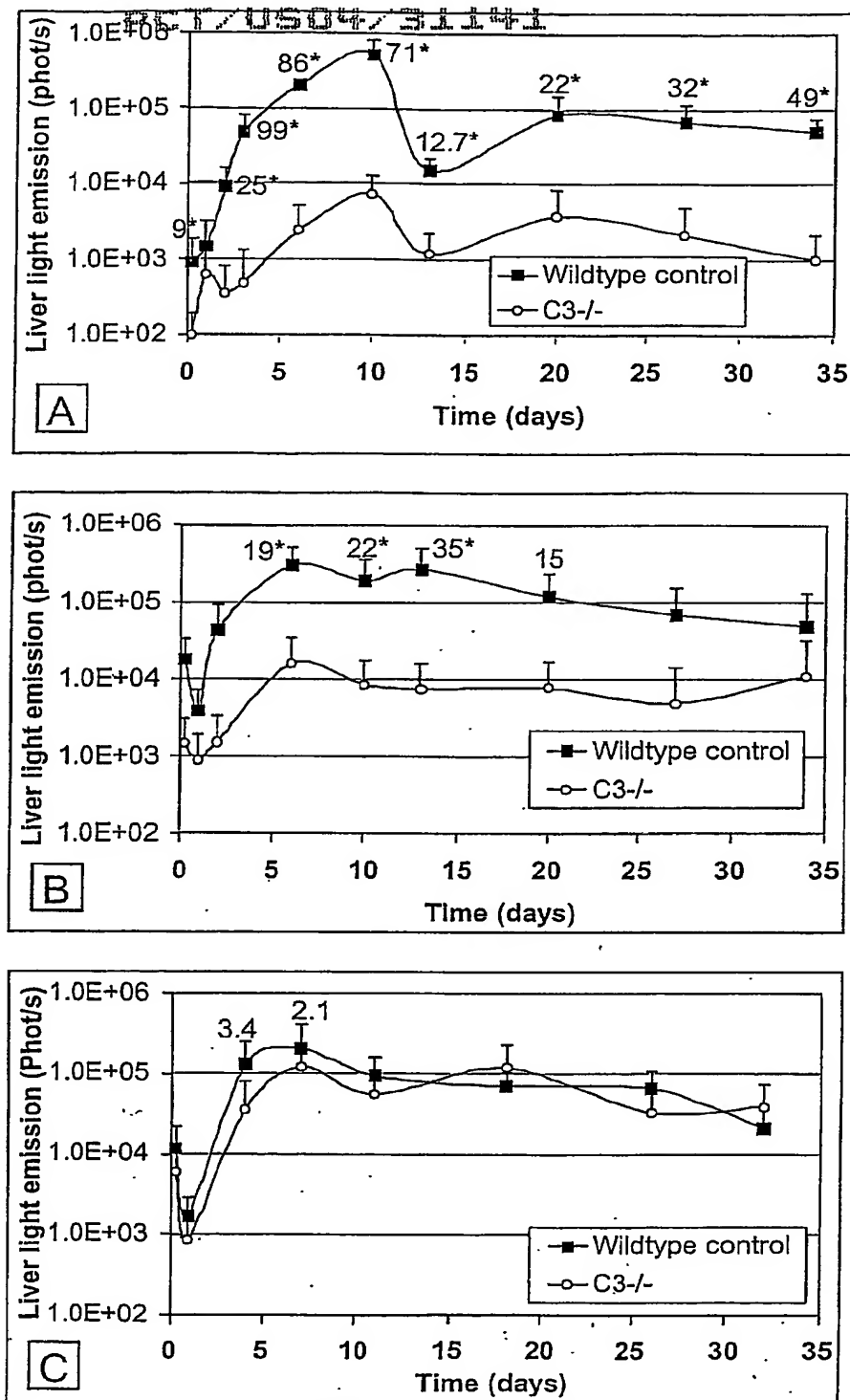


FIG. 5

BEST AVAILABLE COPY

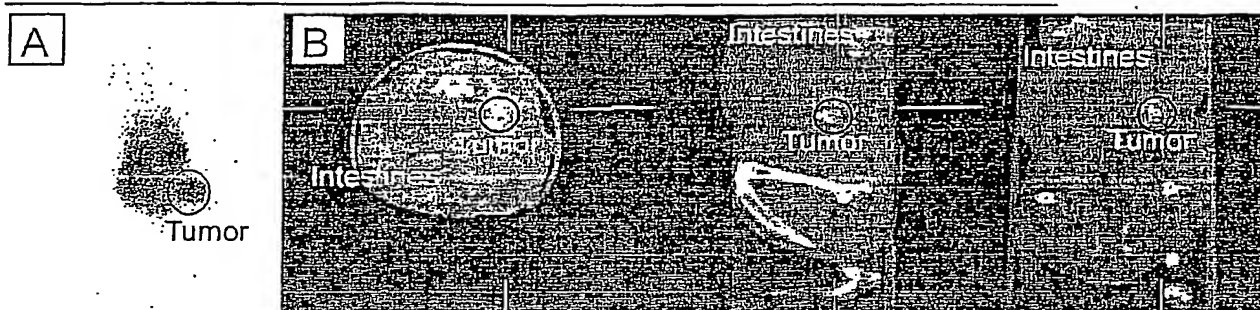


FIG. 6

BEST AVAILABLE COPY

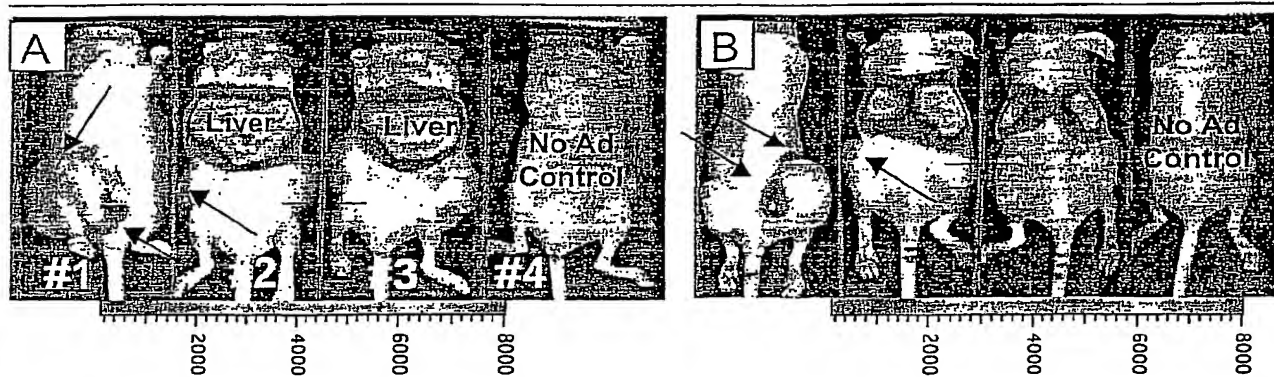


FIG. 7

BEST AVAILABLE COPY

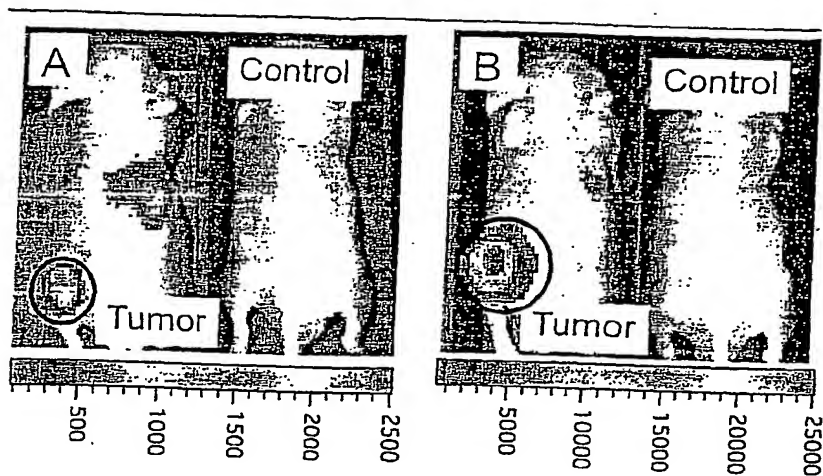


FIG. 8

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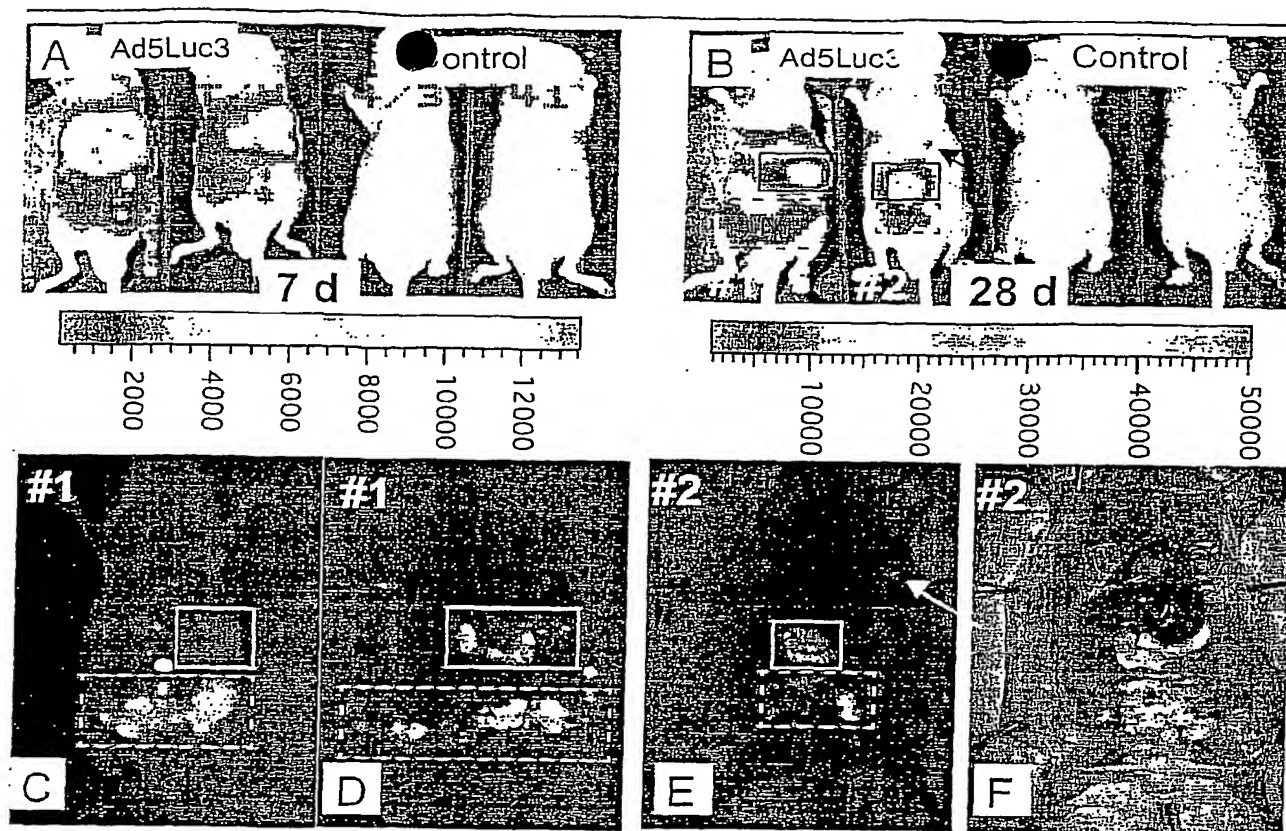


FIG. 9



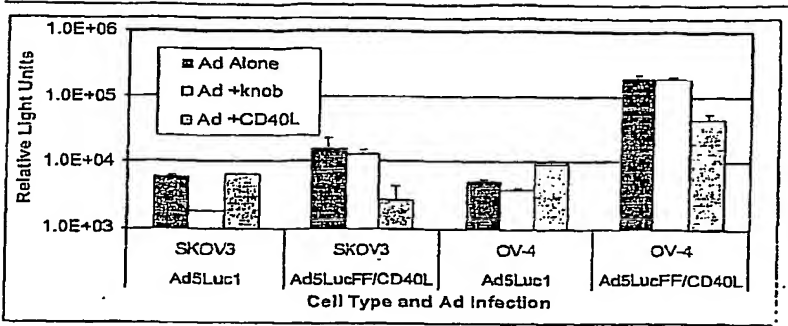


FIG. 10

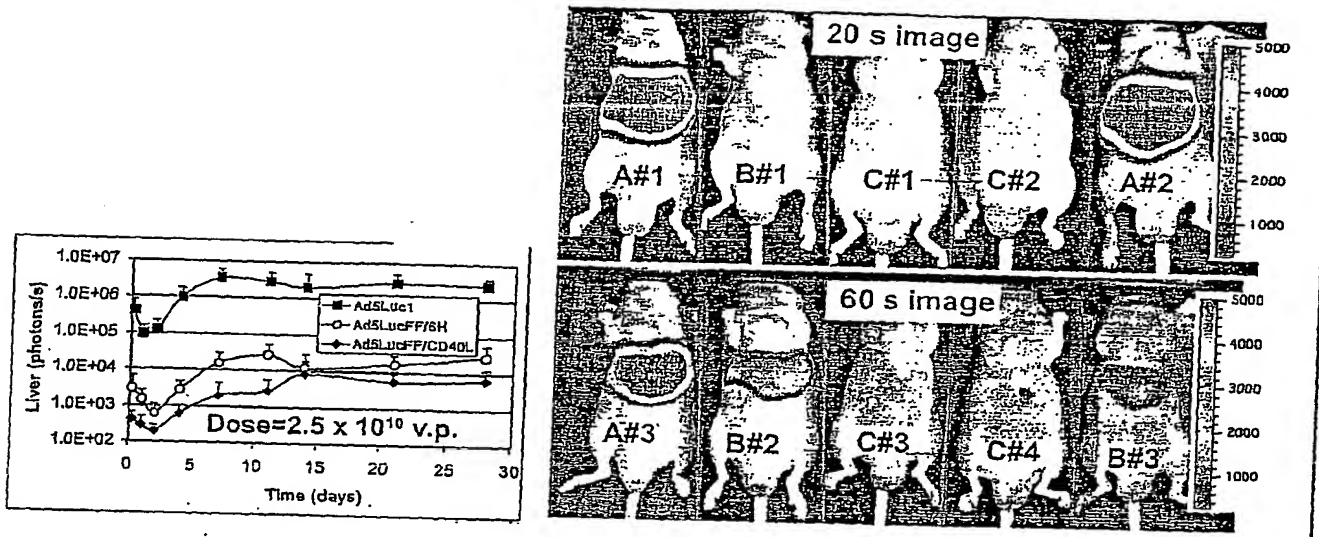


FIG. 11

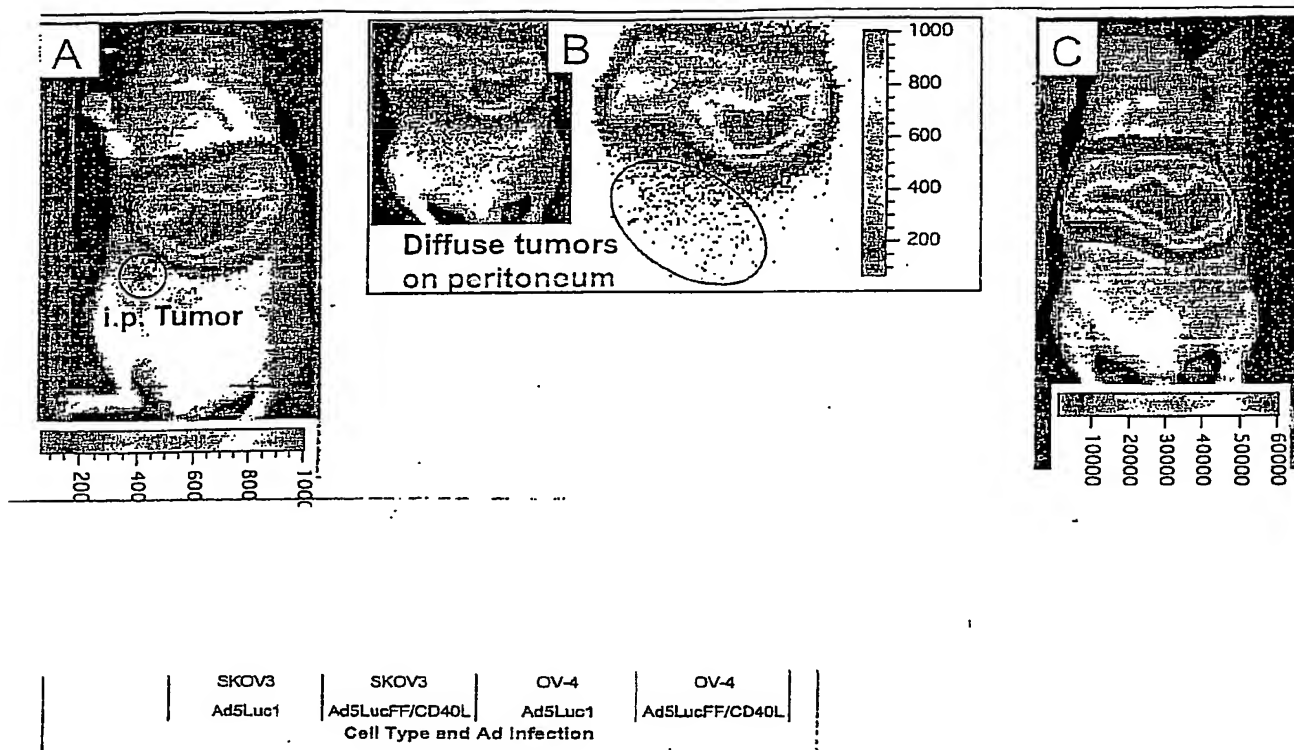
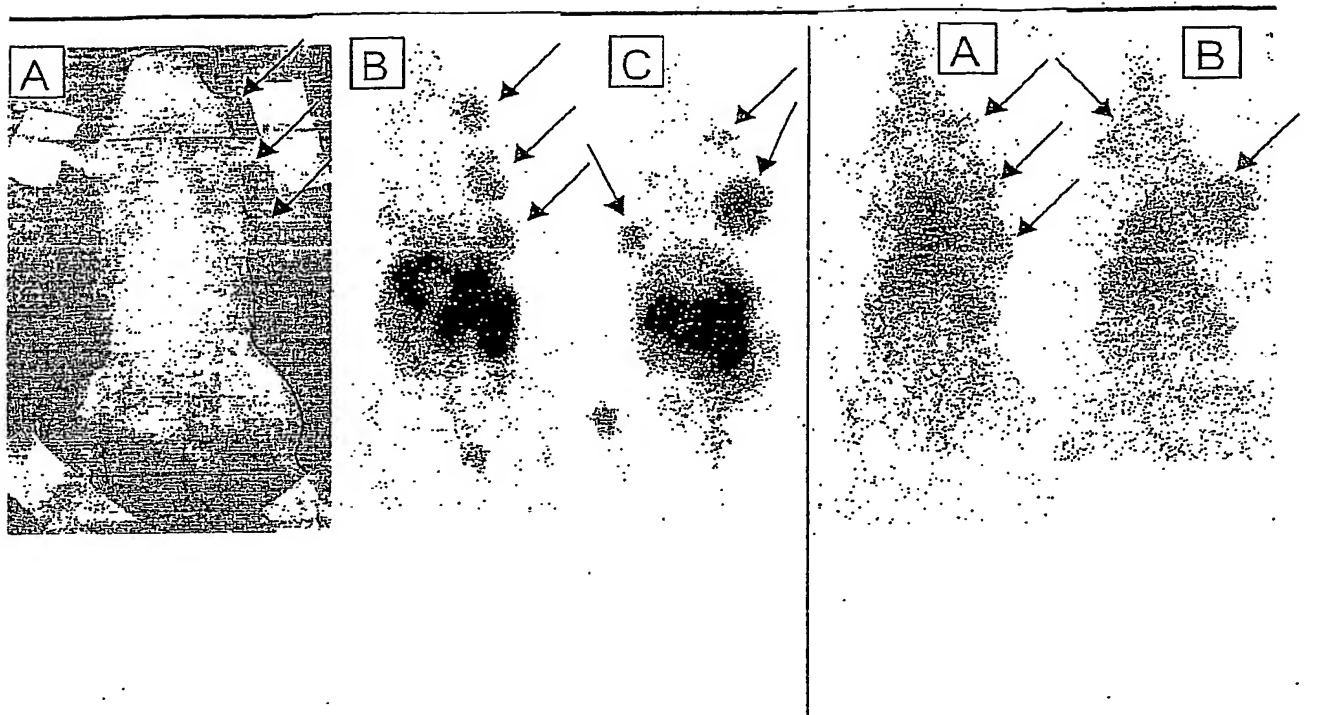


FIG. 12



**FIG. 13**

**FIG. 14**

**BEST AVAILABLE COPY**

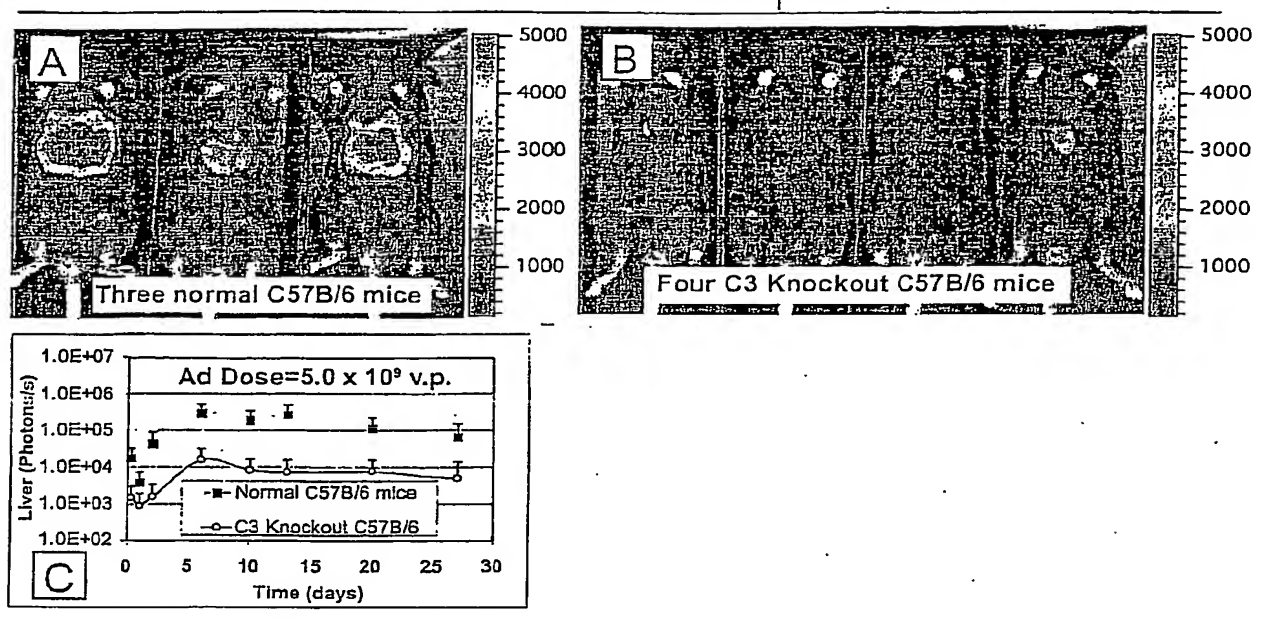


FIG. 15

BEST AVAILABLE COPY



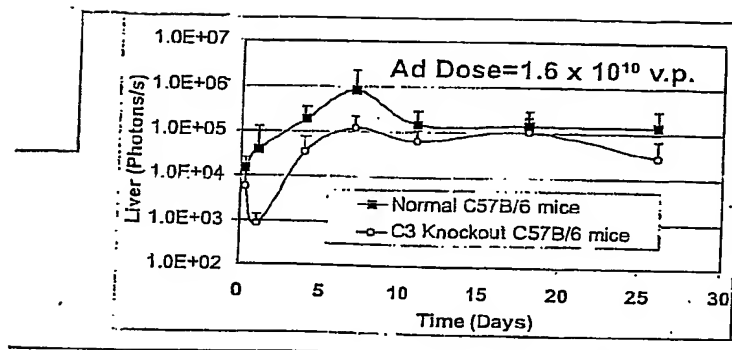


FIG. 16

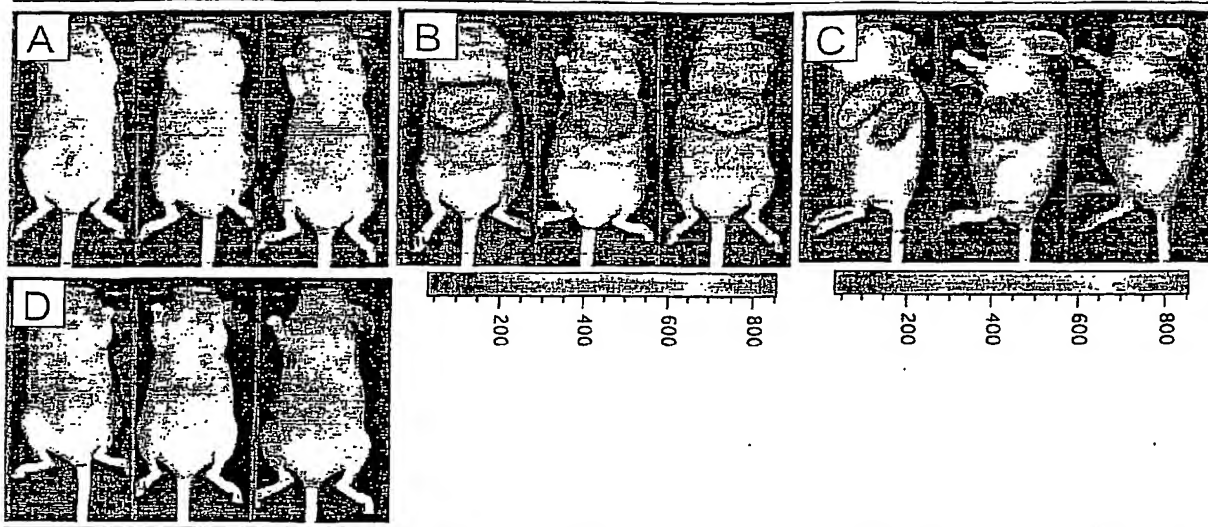


FIG. 17

BEST AVAILABLE COPY

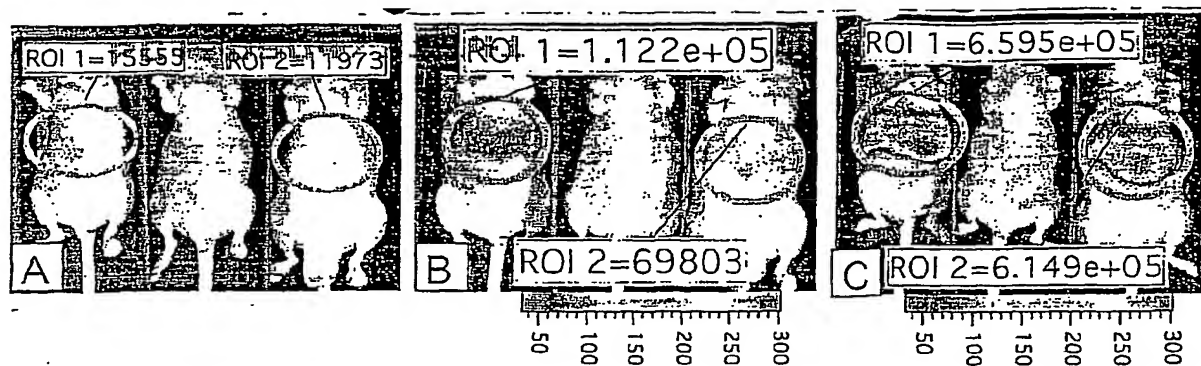
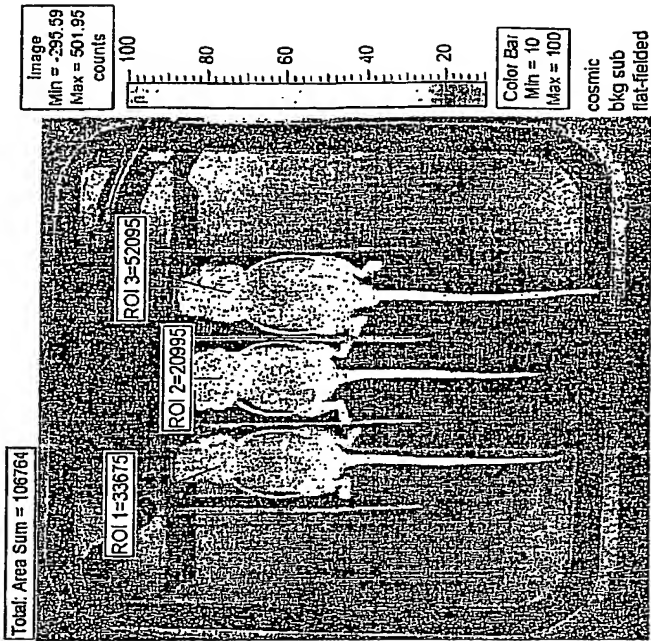


FIG. 18

BEST AVAILABLE COPY

Day 3



Initial

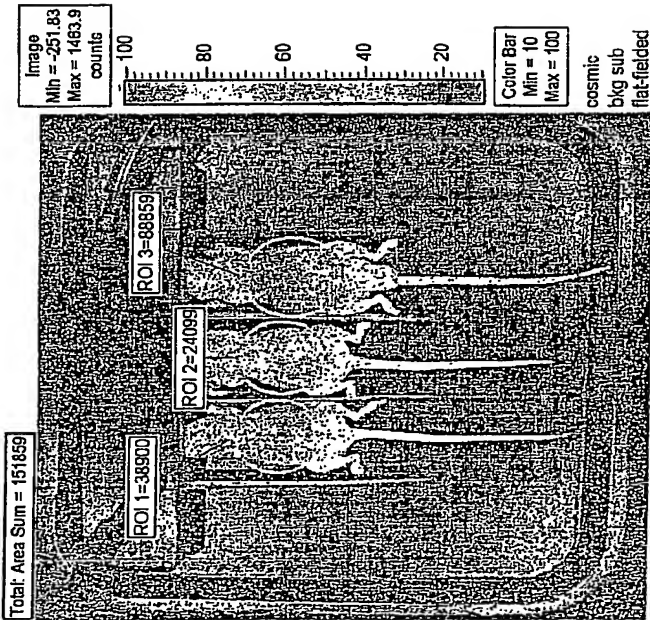


FIG. 19a

BEST AVAILABLE COPY

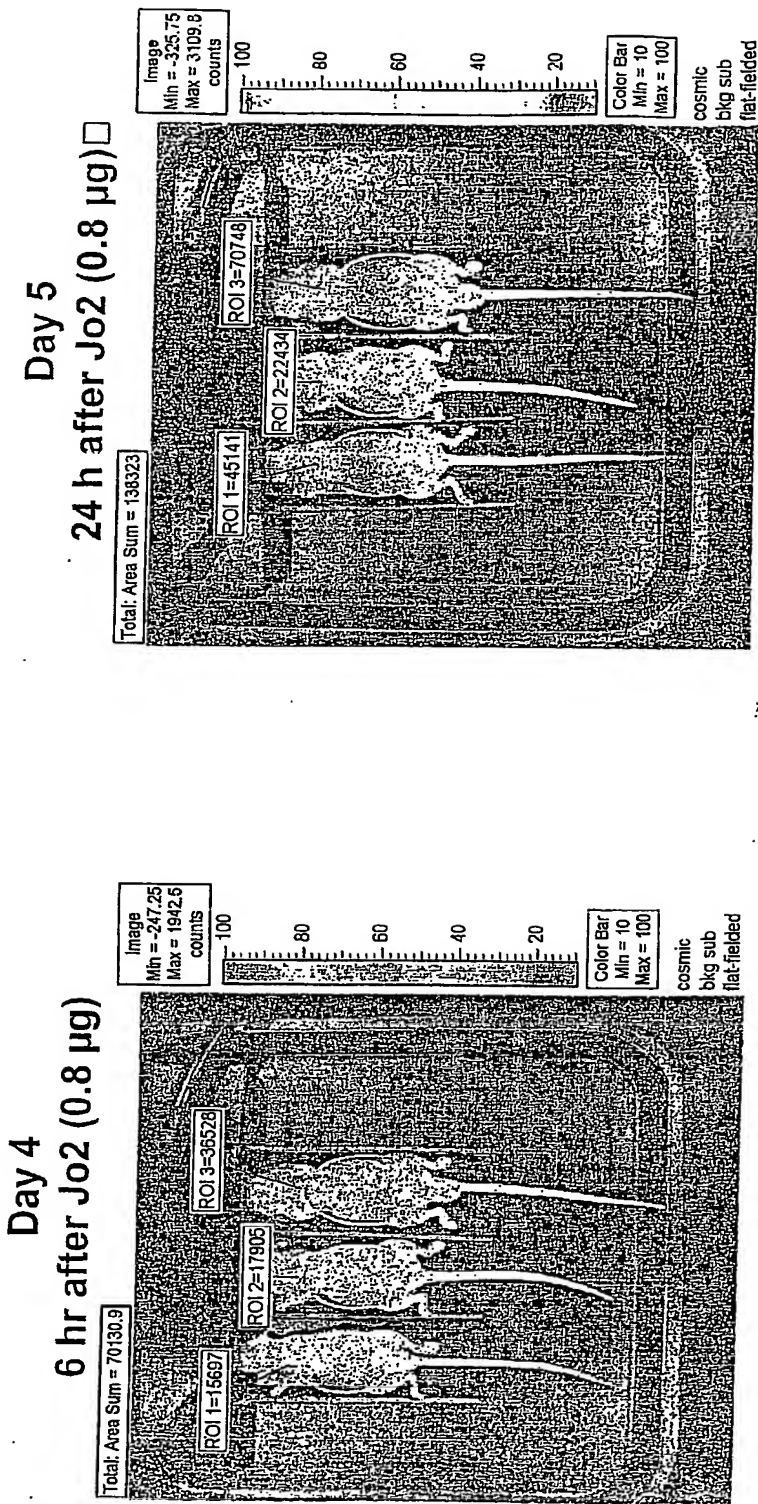


FIG. 19b

BEST AVAILABLE COPY



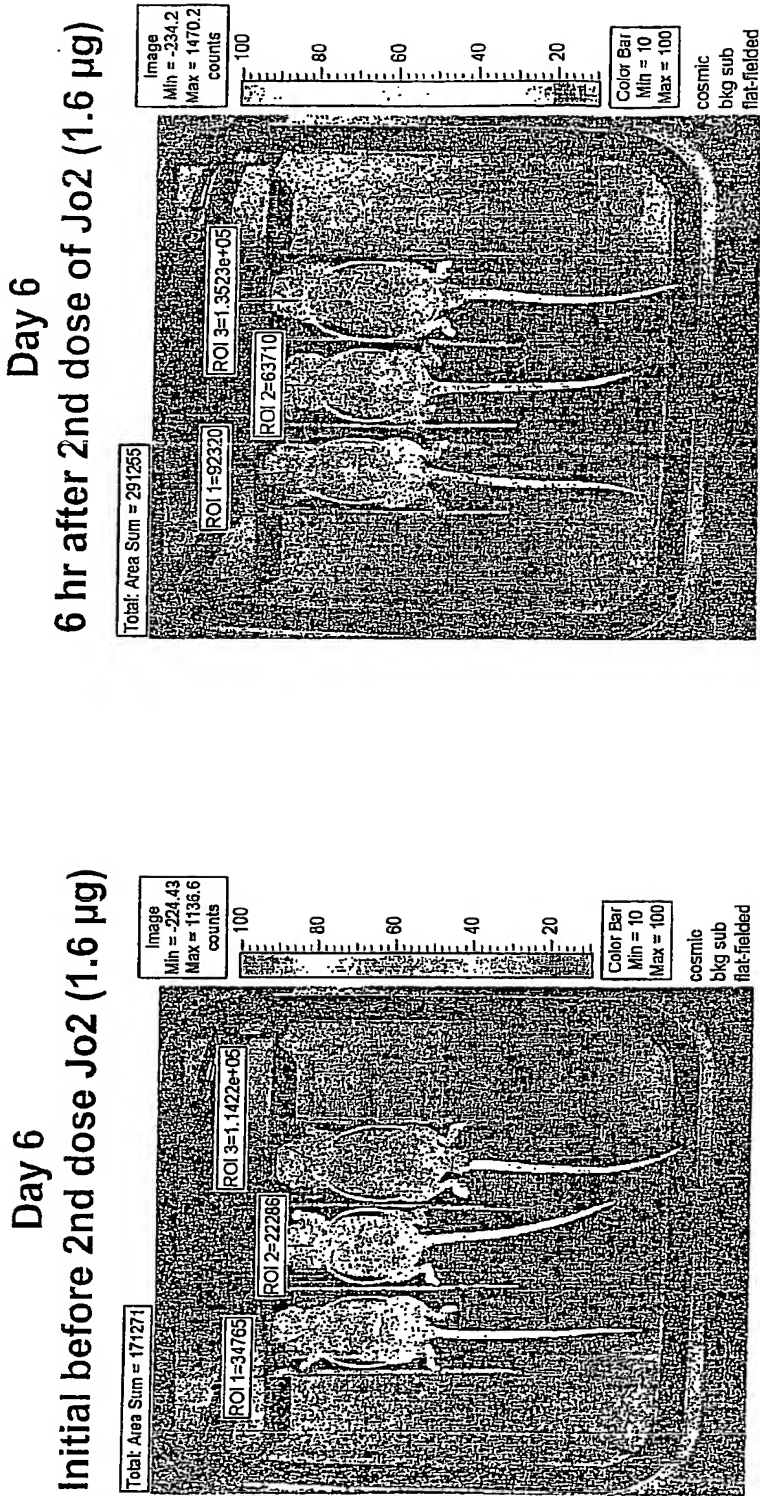


FIG. 19c

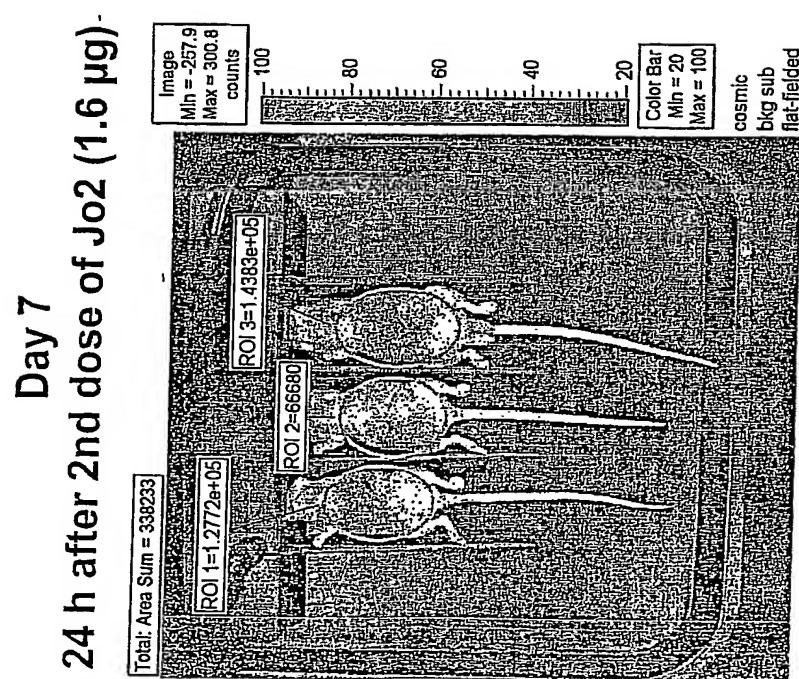


FIG. 19d

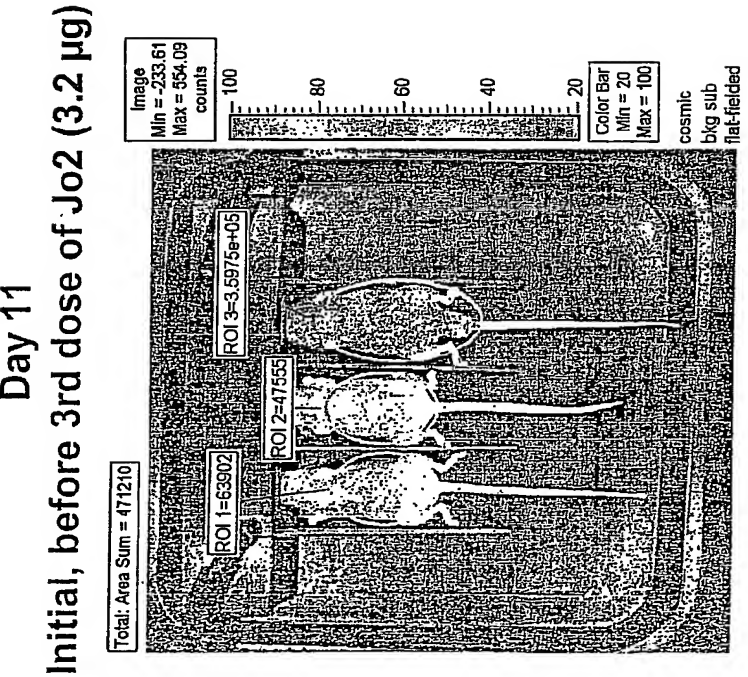
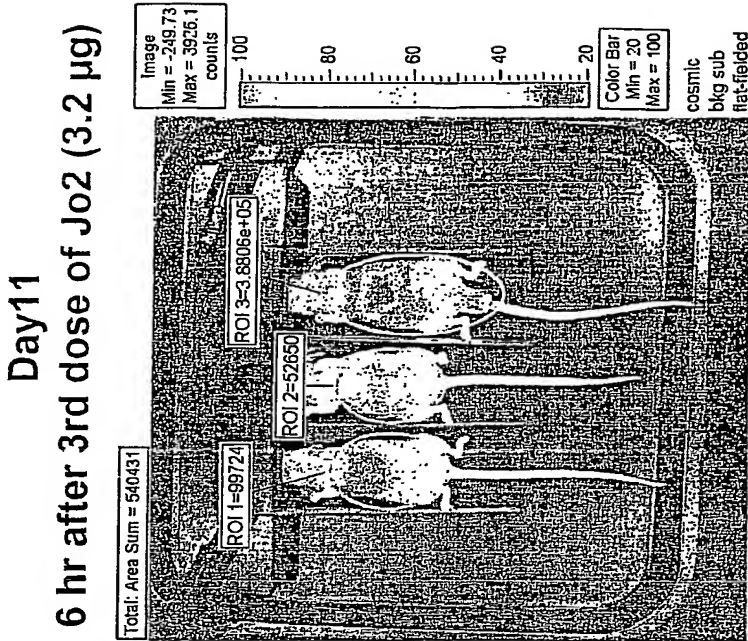


FIG. 19e

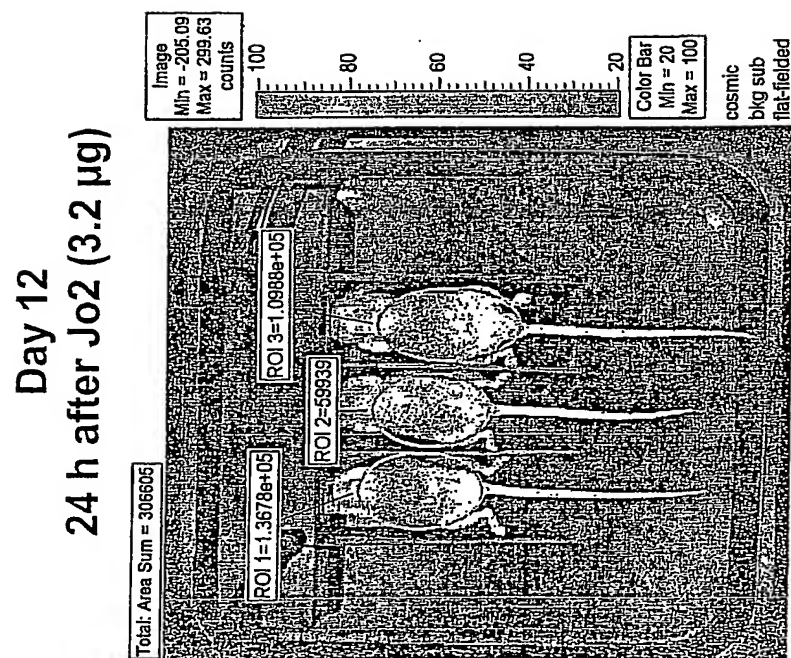


FIG. 19f

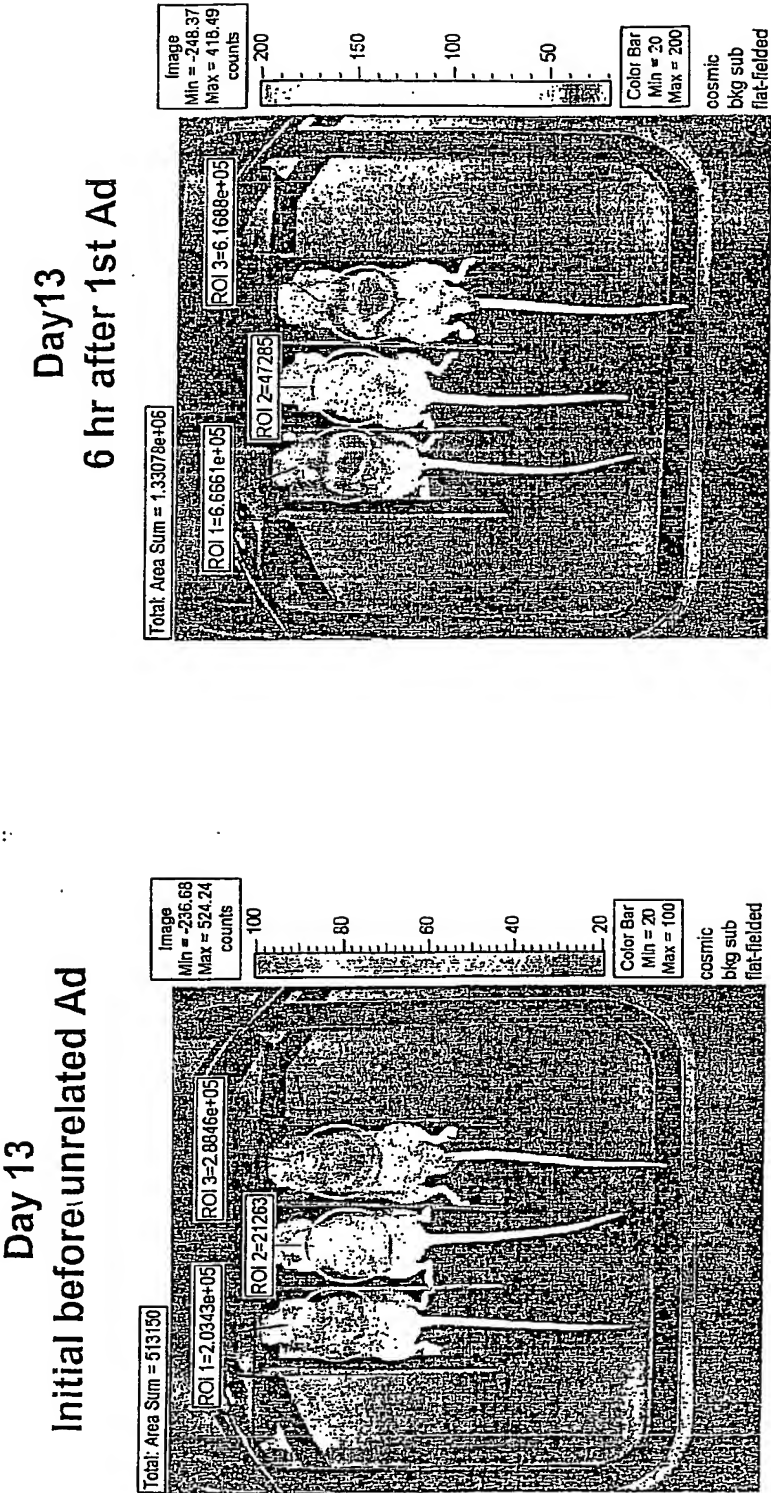


FIG. 20a



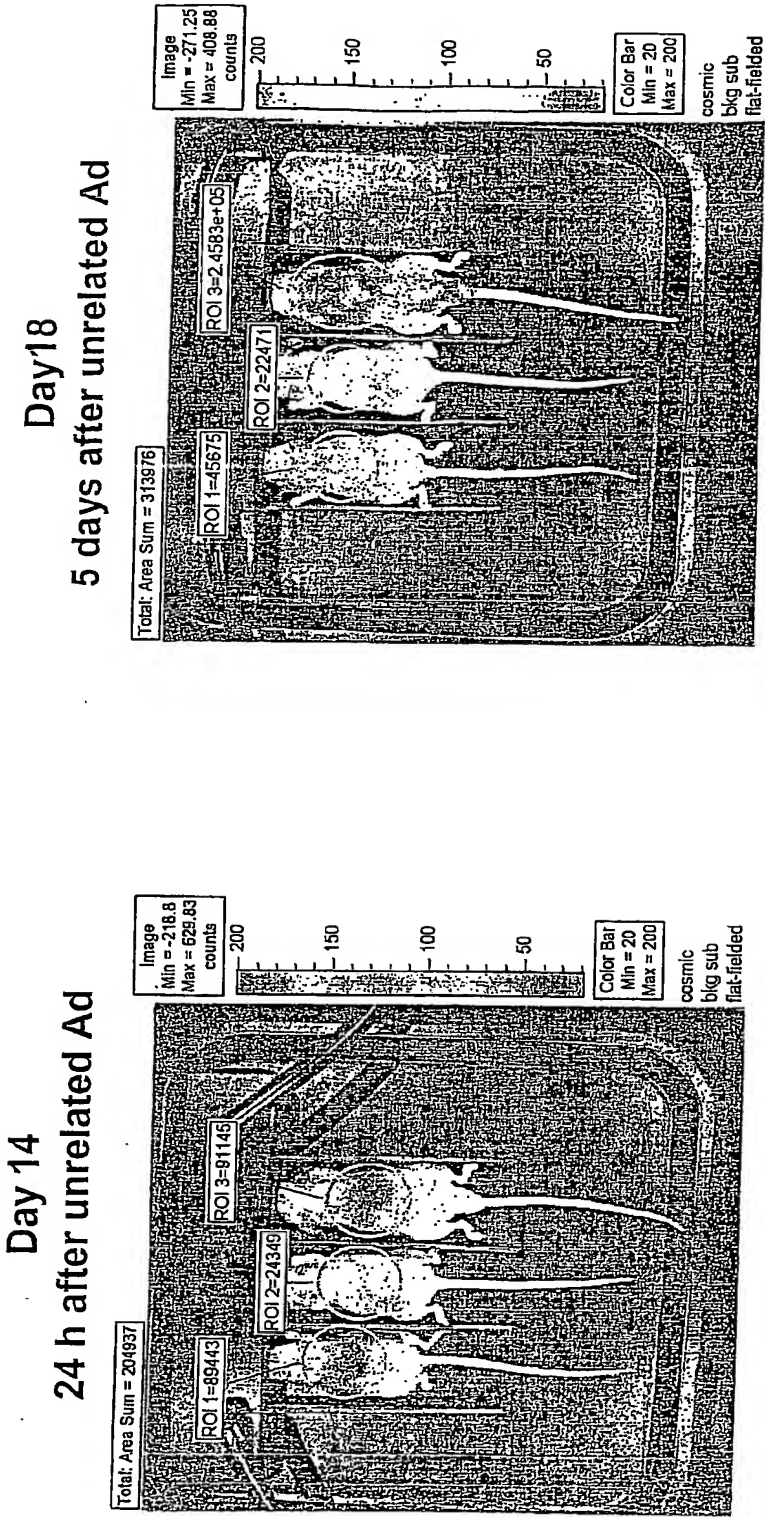


FIG. 20b

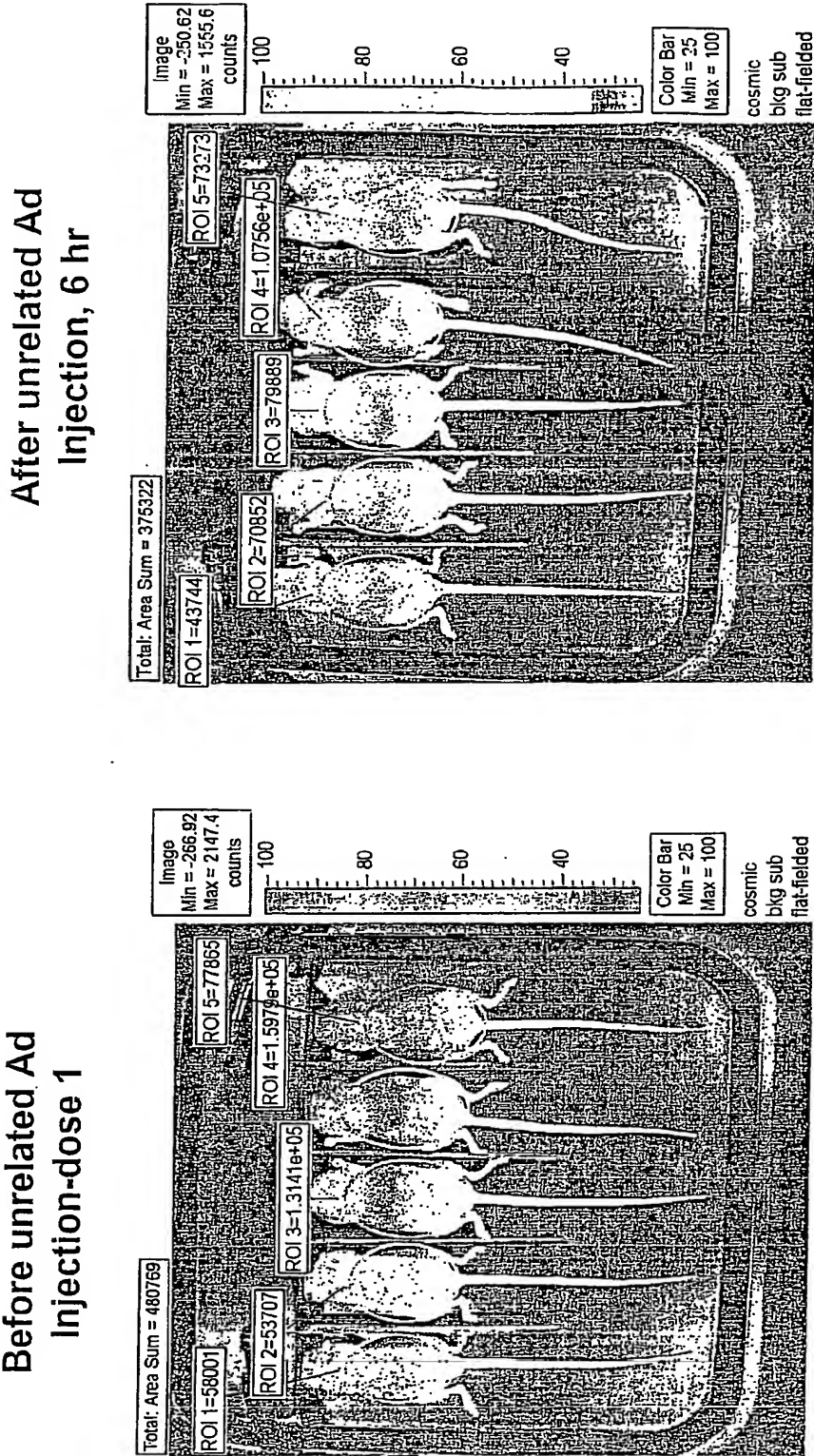


FIG. 21a

After unrelated Ad,  
24 h

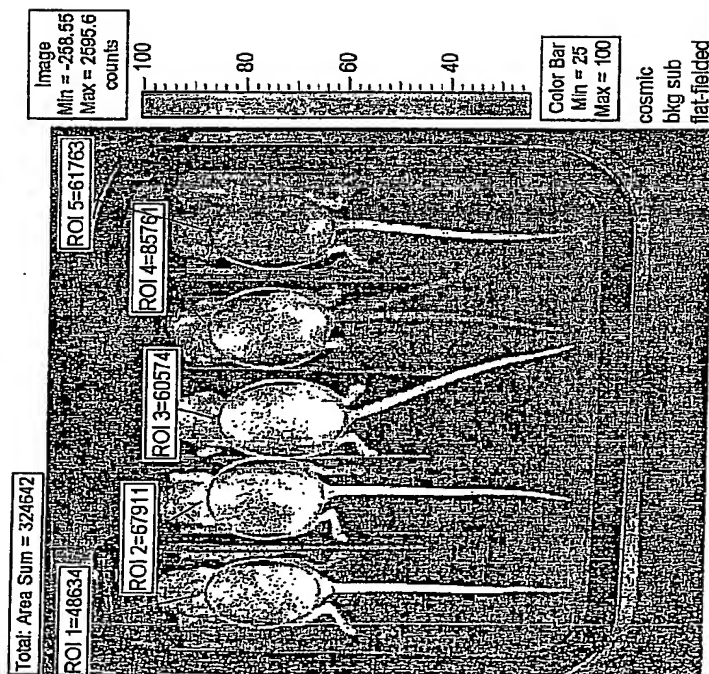
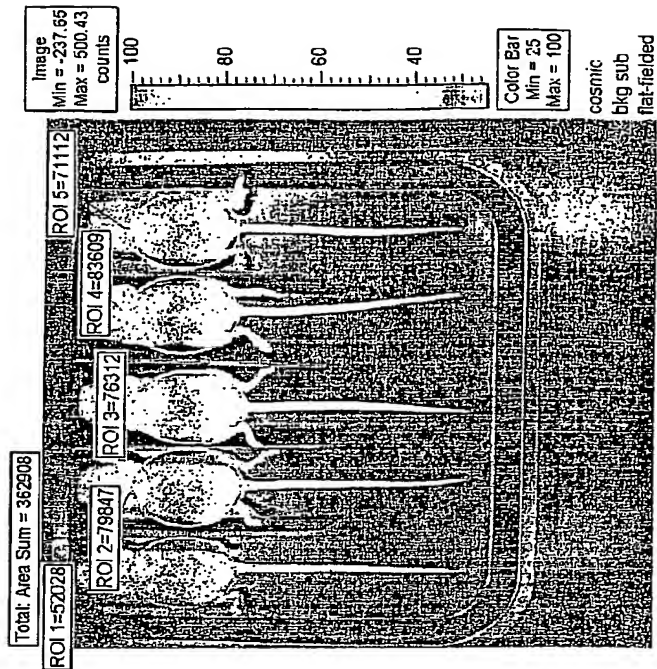


FIG. 21b

After unrelated Ad  
Injection-Dose 2, 6 hr



Before unrelated Ad  
Injection-dose 2

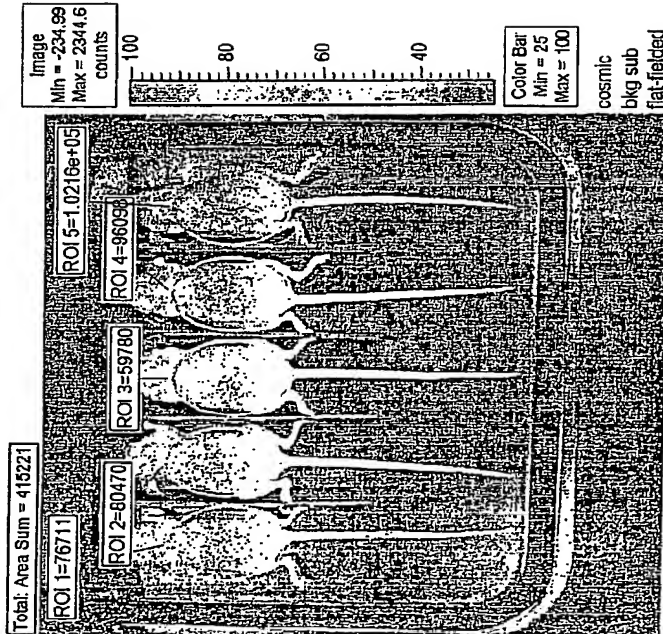


FIG. 21c

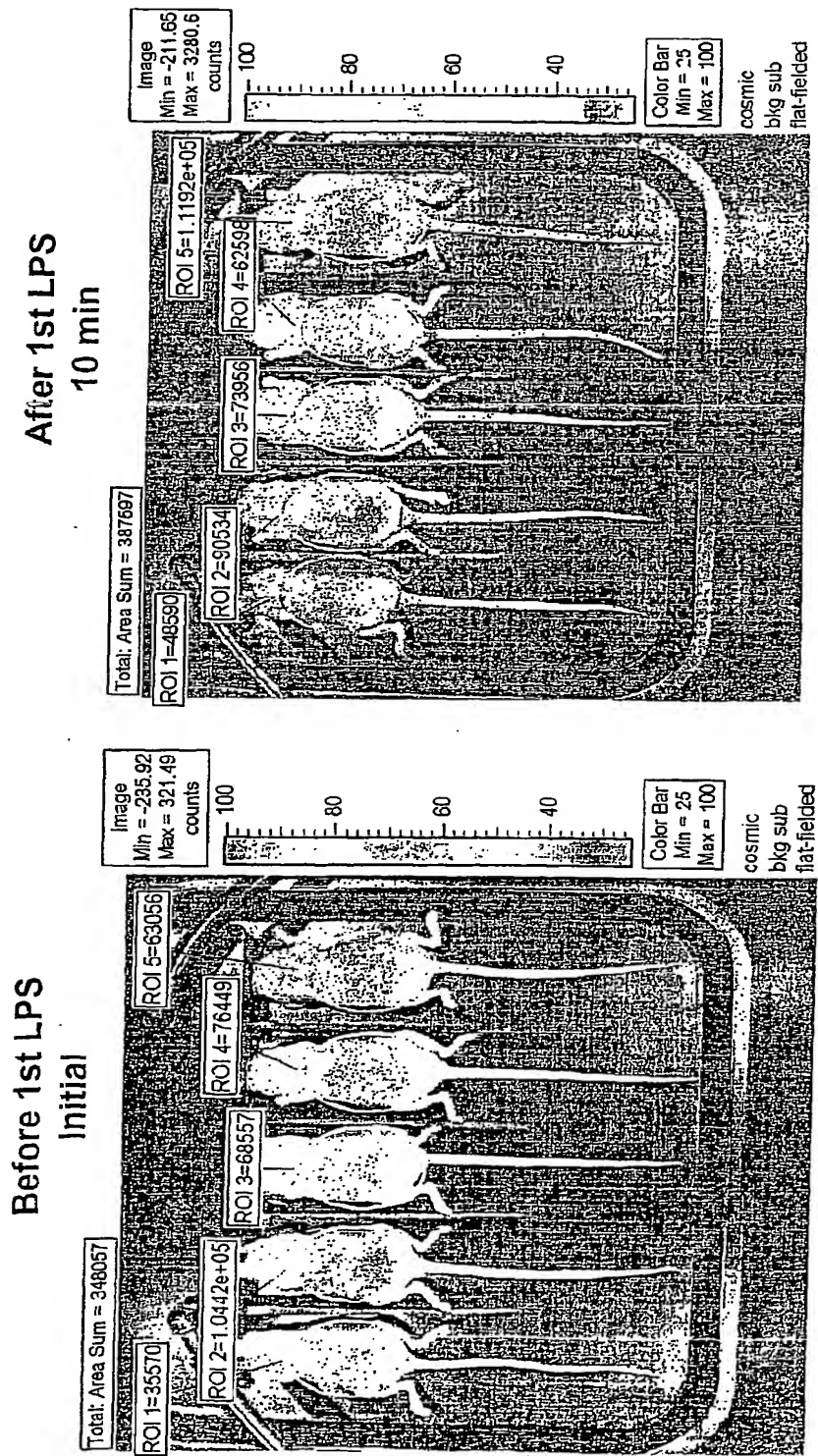


FIG. 21d

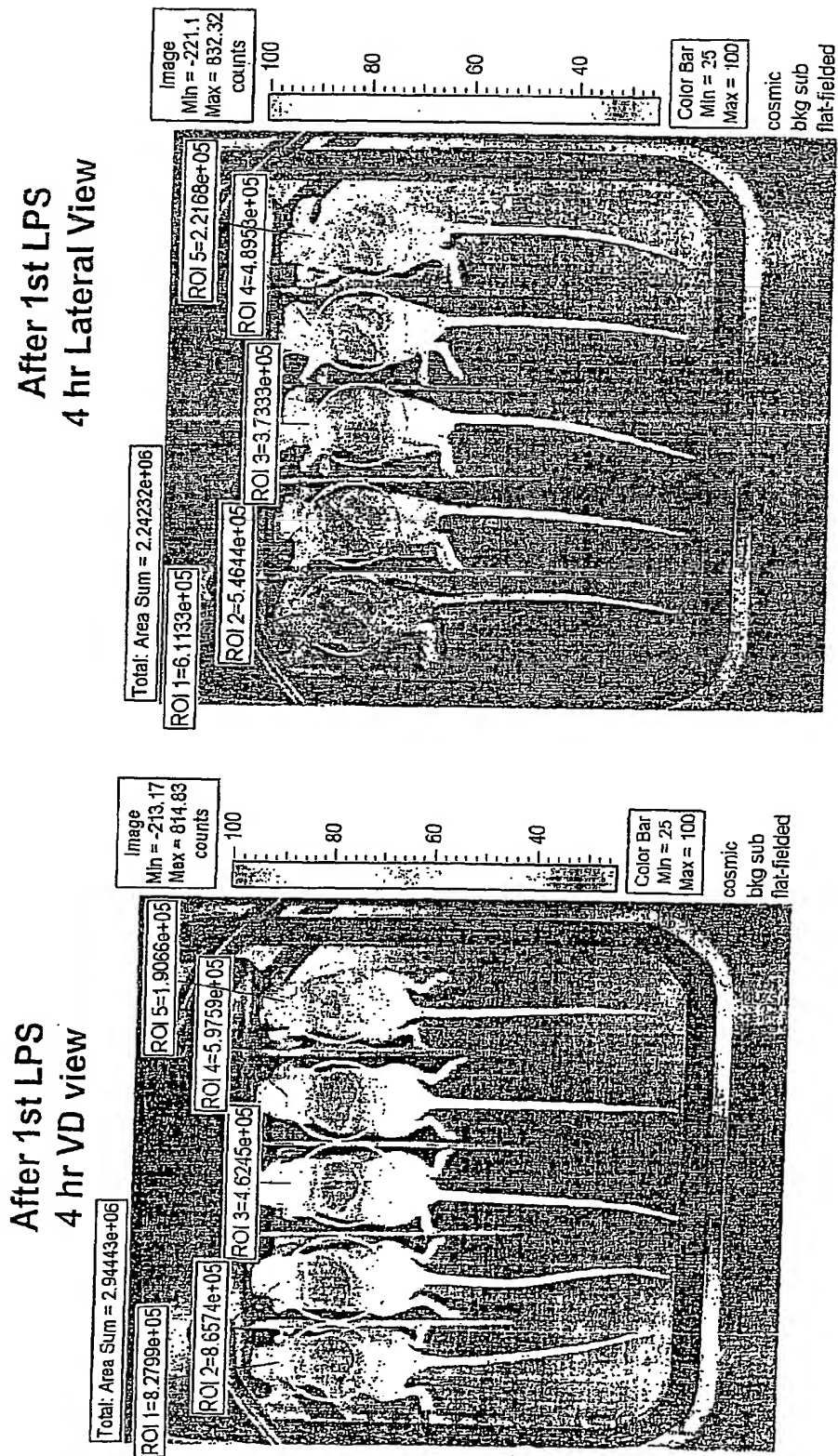
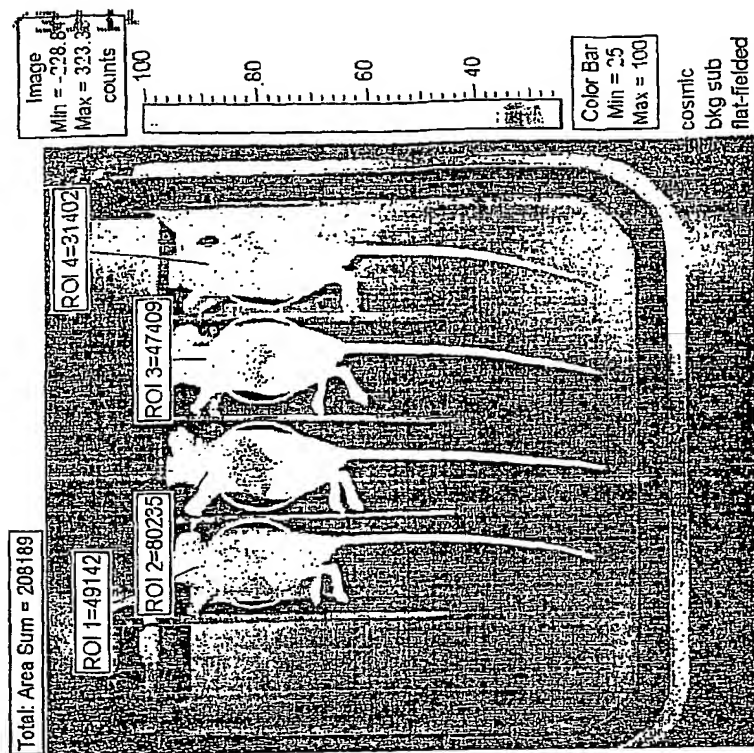


FIG. 21e



After 1st LPS  
Day 1 Lateral View



After 1st LPS  
Day 1 VD view

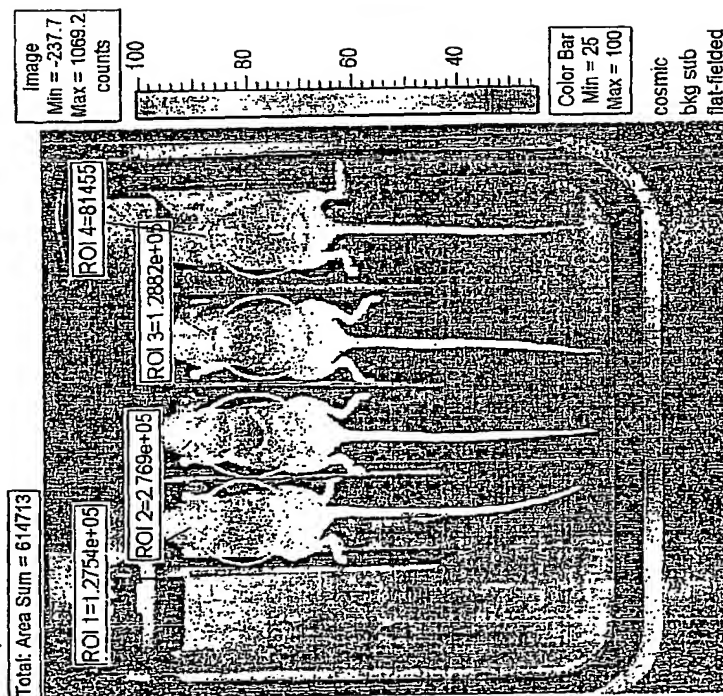
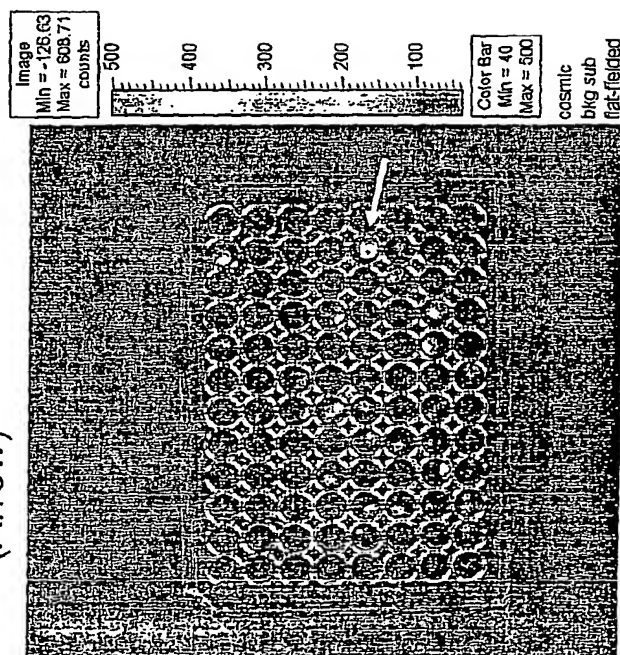


FIG. 21f

(A) Initial Screening:  
One clone selected  
(Arrow)



(B) Secondary Screening:  
Using clone selected in (A)

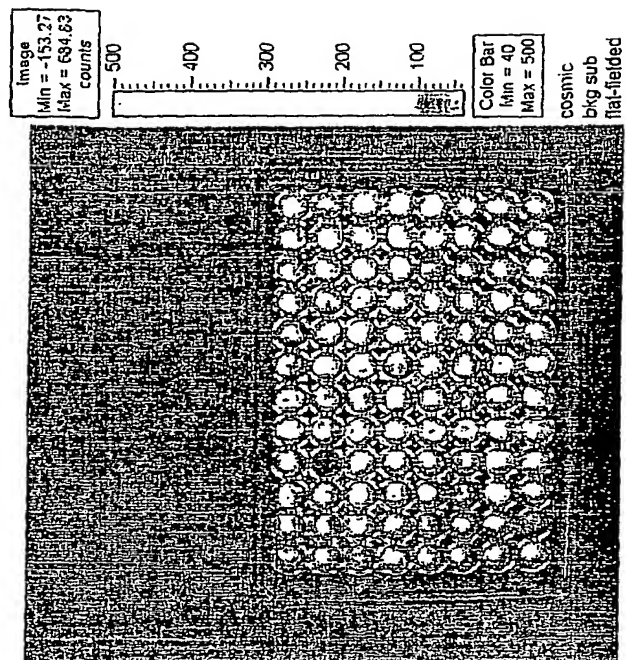
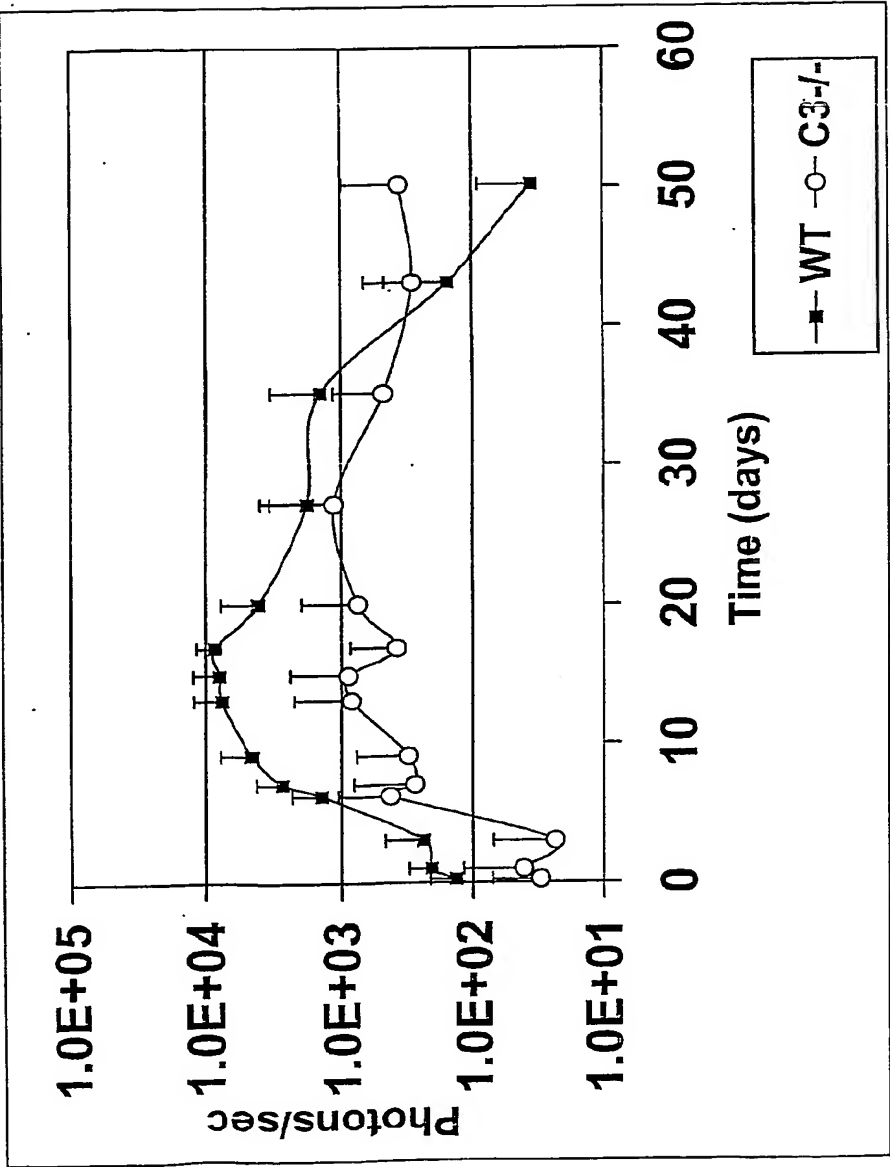


FIG. 22

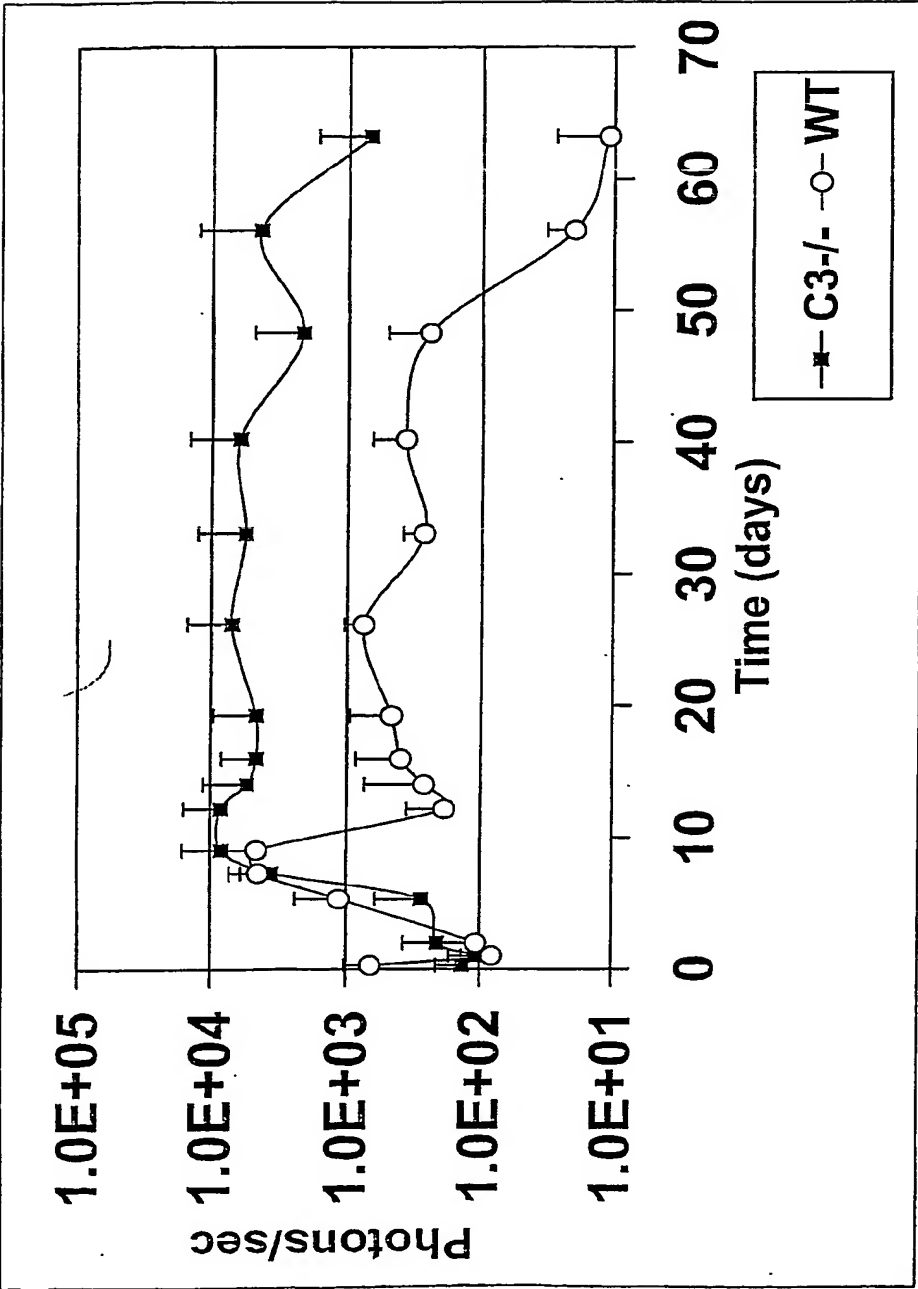




Dose=4E9 v.p.

Ad5FF/6His

FIG. 23



Dose=4E10 v.p.  
Ad5FF/6His

FIG. 24

# SDS-PAGE for purified viruses:

10e10 viral particles of each virus were boiled in Laemmli Sample buffer, and subjected to SDS-PAGE

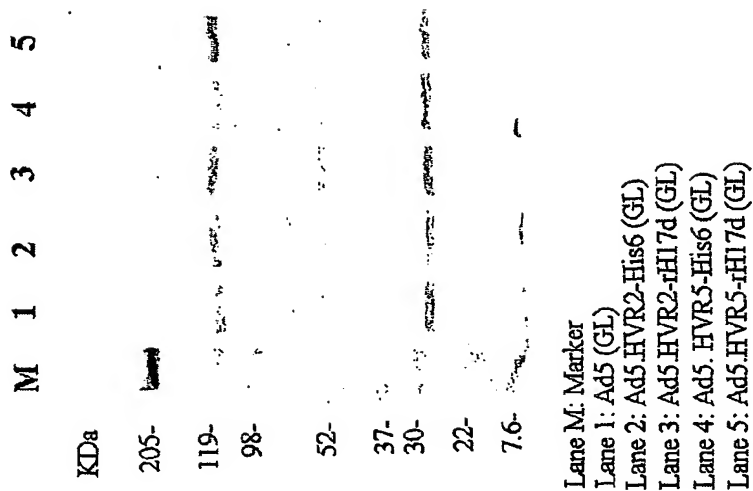


Fig. 25

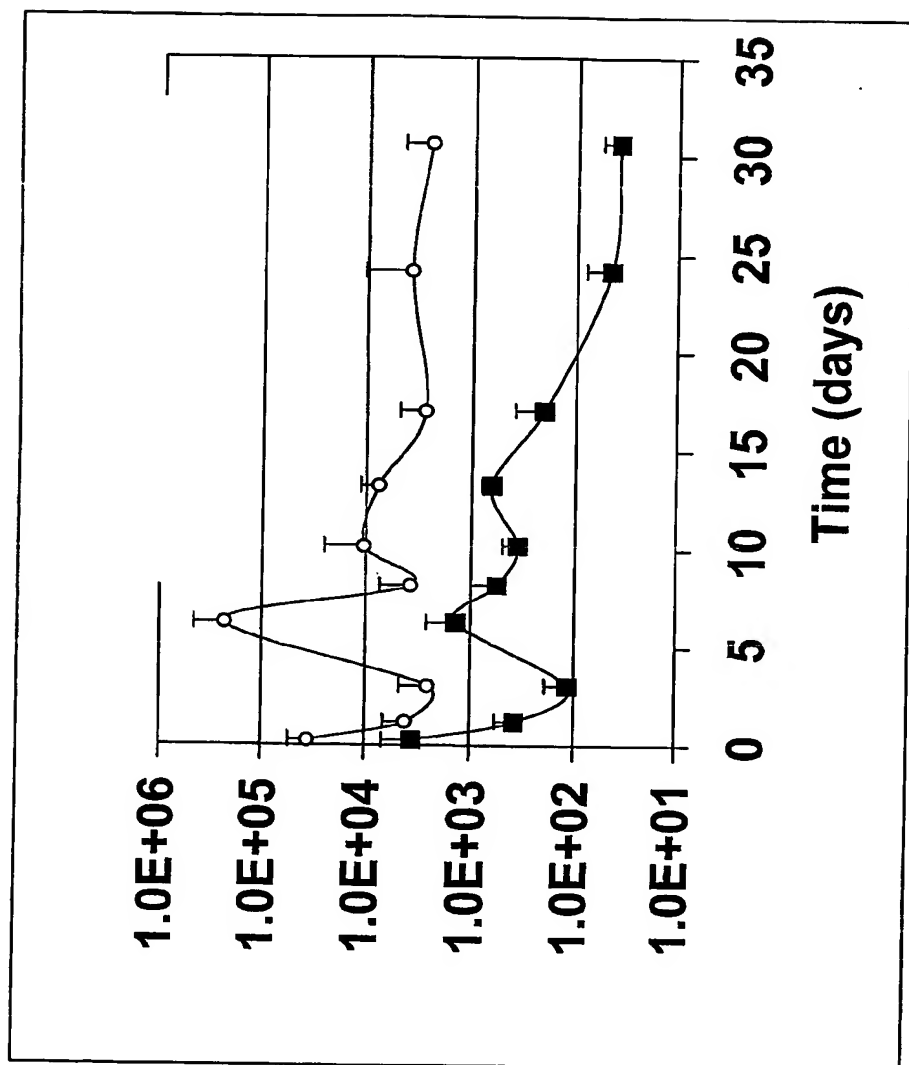


Fig. 26

Time (d)	Ad5.HVR2.rH17d	Ad5.HVR2.6His	Ad5.HVR2.rH17d	Ad5.HVR2.6His	Factor
0.26	3502	35656	3281	18642	1.02E+01
1.18	373	4087	199	2522	1.10E+01
3.01	116	2501	73	2188	2.16E+01
6.25	1365	230217	1226	223384	1.69E+02
8.17	561	3704	436	3524	6.60E+00
10.17	355	10348	148	14777	2.92E+01
13.25	641	7558	150	3710	1.18E+01
17.02	202	2712	180	2045	1.34E+01
24.19	45	3716	36	6811	8.28E+01
30.65	38	2469	17	1950	6.49E+01

Fig. 27

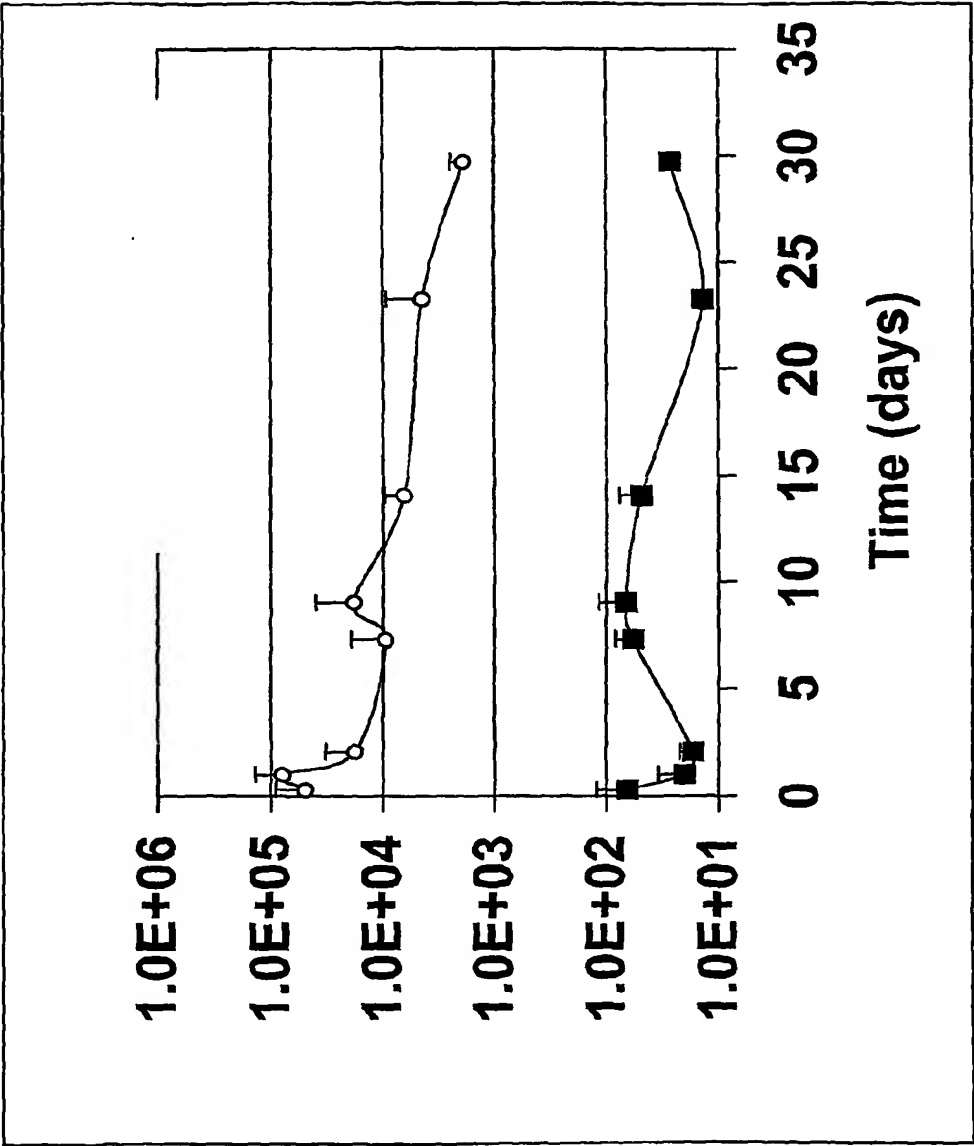


Fig. 28

Time (d)	Ad5.HVR5.rH17d		Ad5.HVR5.6His		Ad5.HVR5.rH17d		Ad5.HVR5.6His		Factor
	Mean	Stddev	Mean	Stddev	Mean	Stddev	Mean	Stddev	
0.29	64	57	49469	41491	57	41491	41491	41491	7.69E+02
1.01	20	14	79608	59780	14	59780	59780	59780	3.93E+03
2.08	17	5	17855	14676	5	14676	14676	14676	1.05E+03
7.28	58	24	9521	9886	24	9886	9886	9886	1.65E+02
9.01	66	51	18363	22048	51	22048	22048	22048	2.79E+02
14.06	48	27	6373	3064	27	3064	3064	3064	1.32E+02
23.25	14	2	4469	4754	2	4754	4754	4754	3.23E+02
29.71	27	6	1900	581	6	581	581	581	7.07E+01

Fig. 29

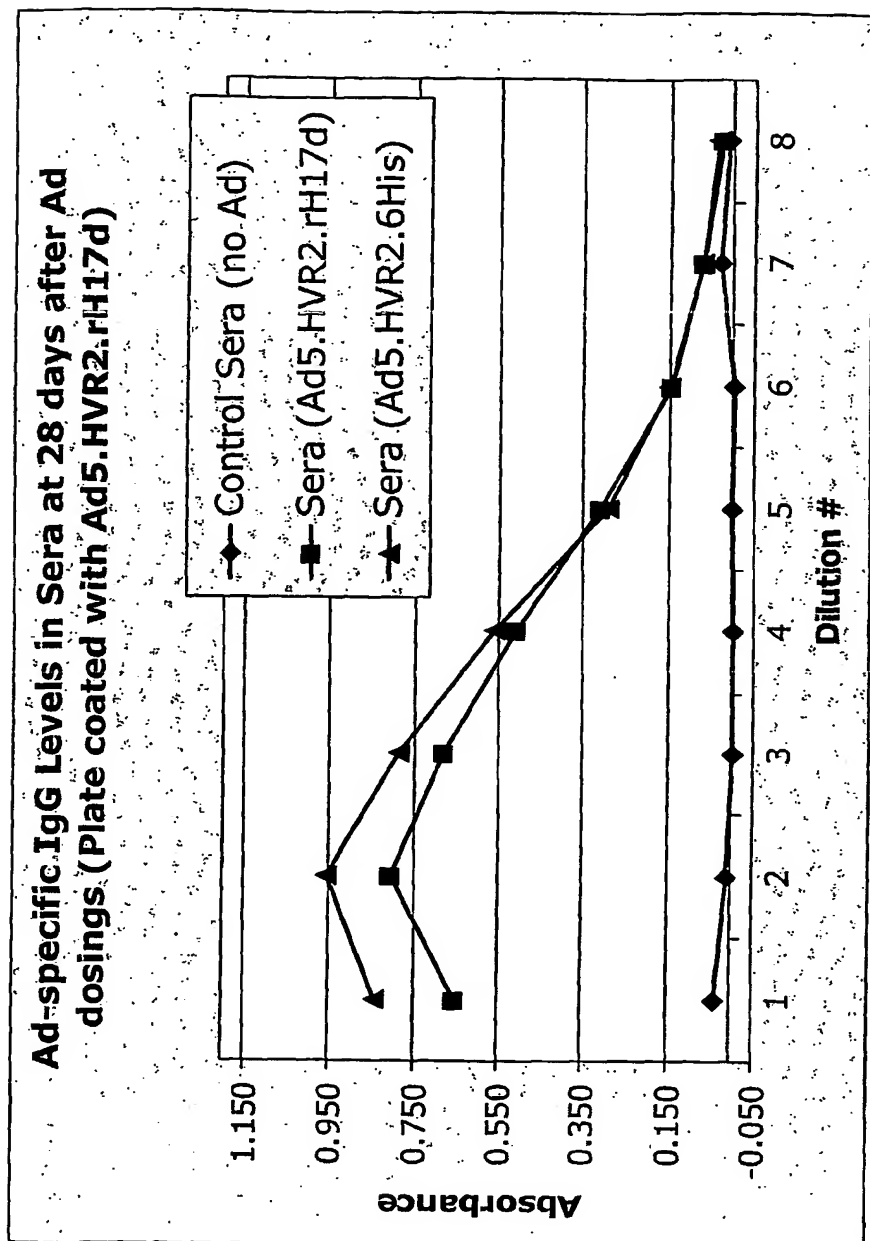


Fig. 30



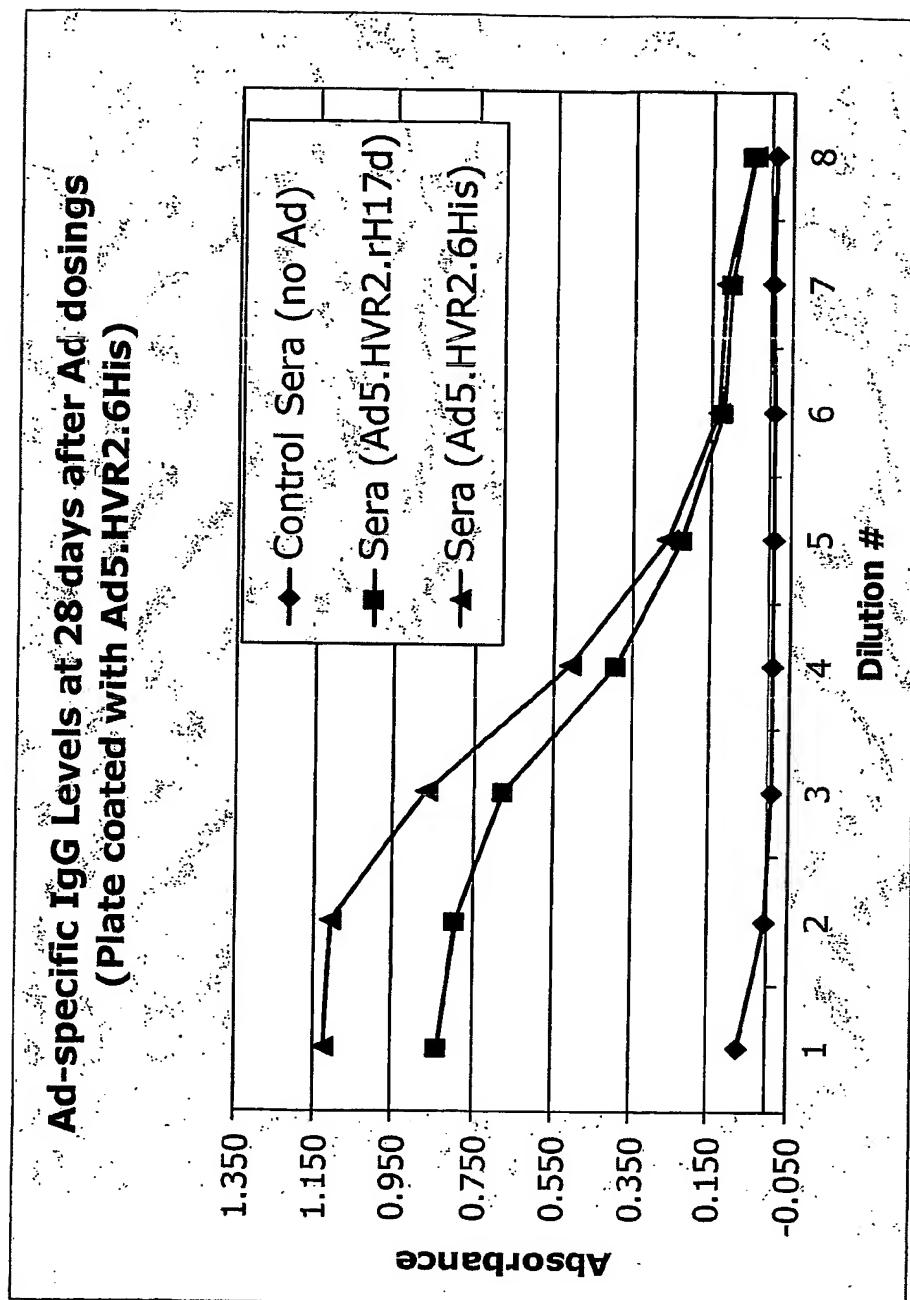


Fig. 31

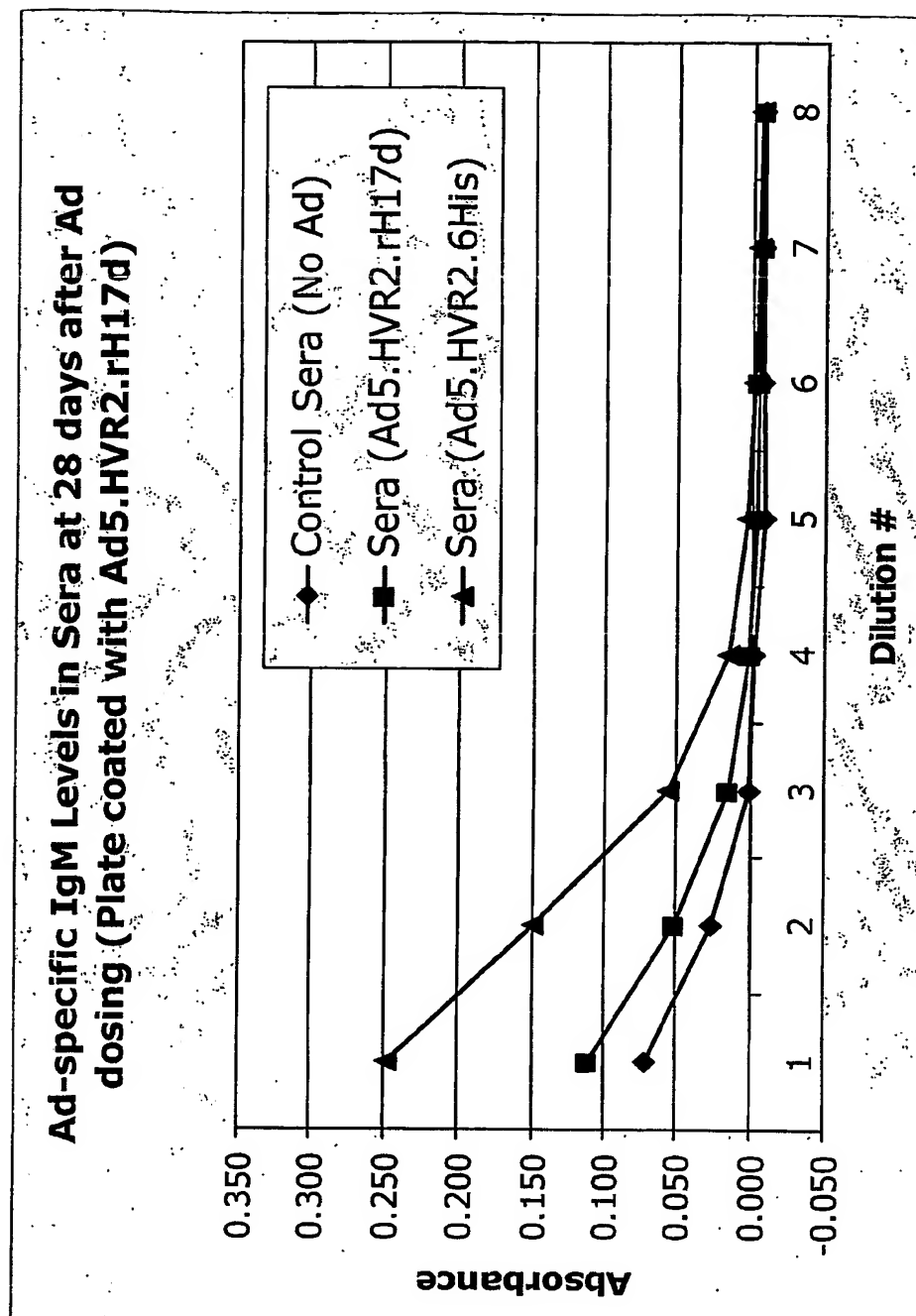


Fig. 32

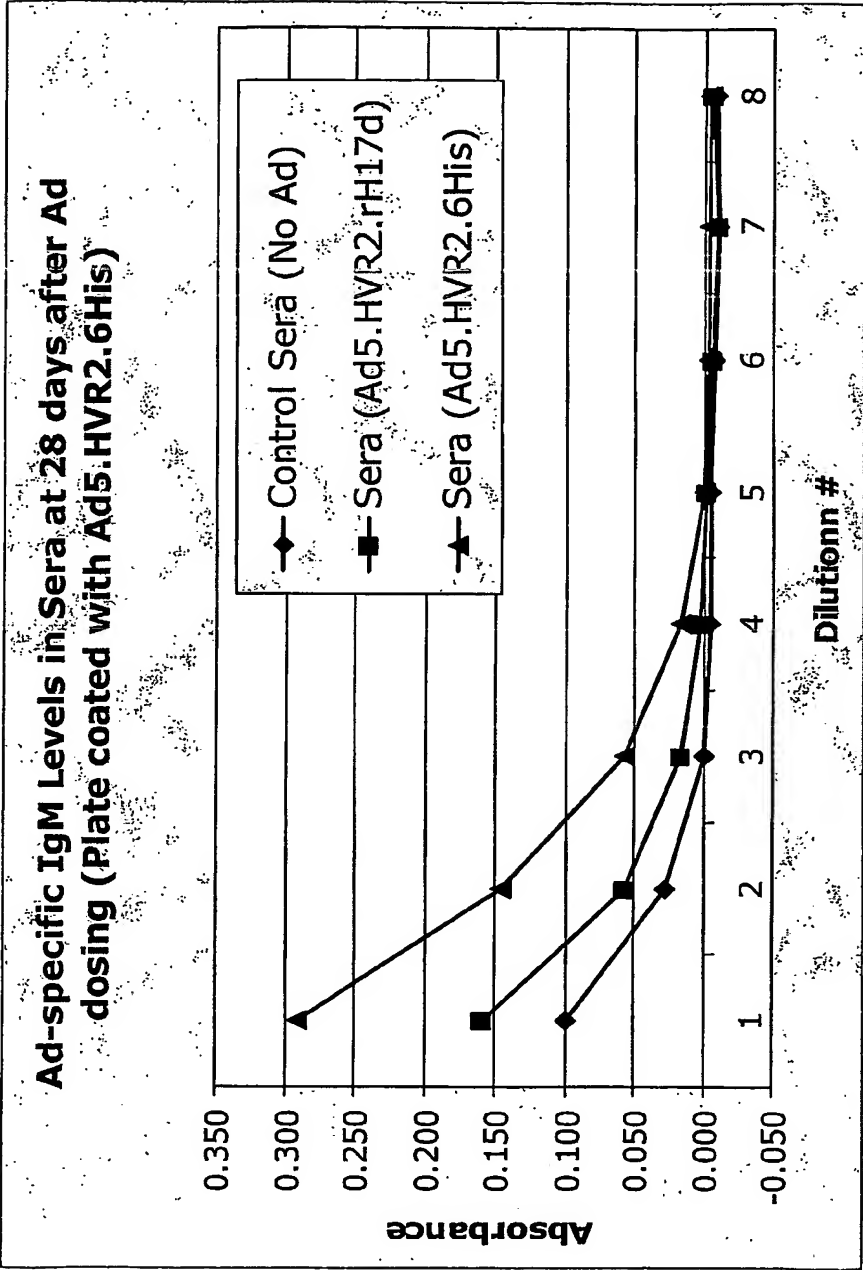


Fig. 33

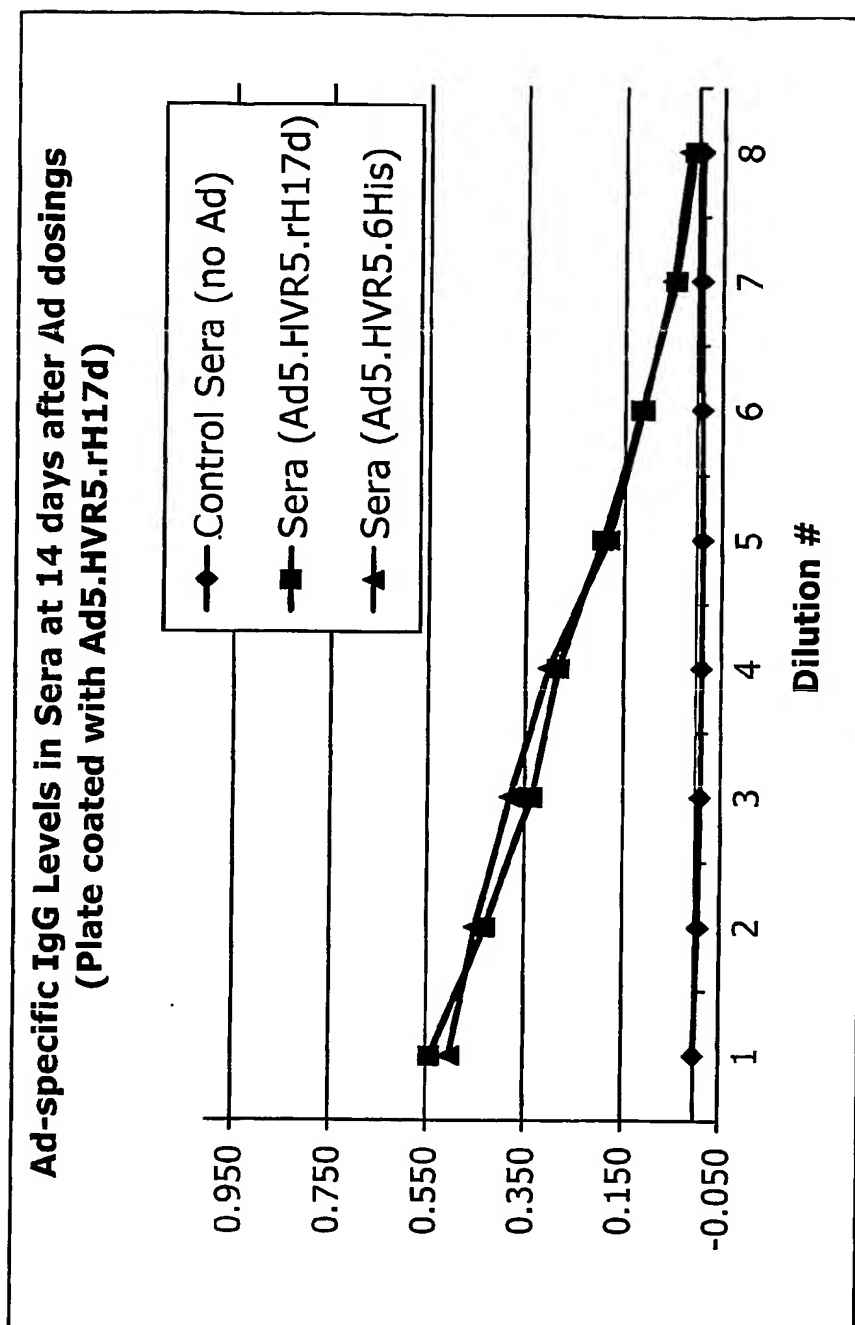


Fig. 34

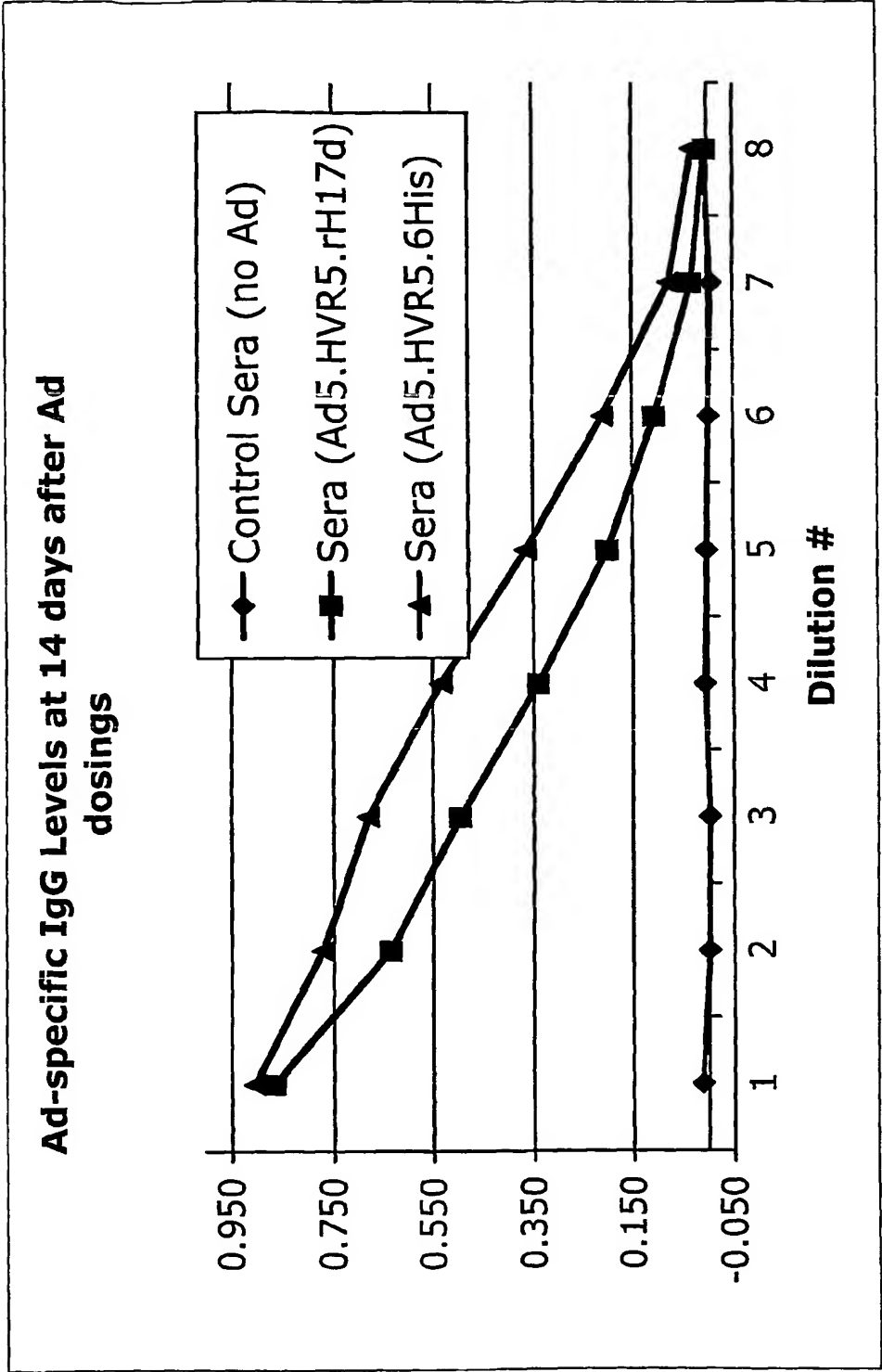


Fig. 35

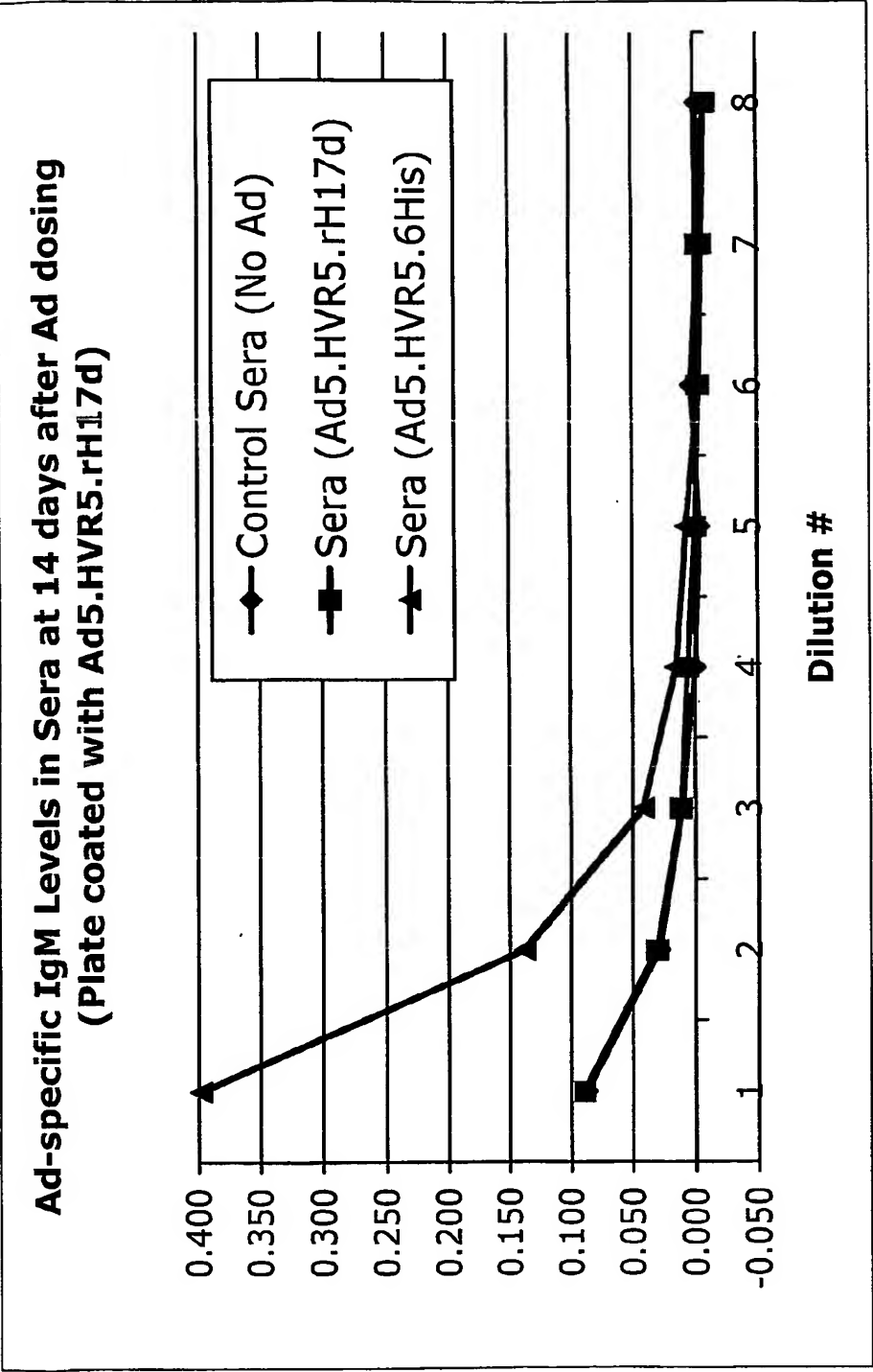


Fig. 36

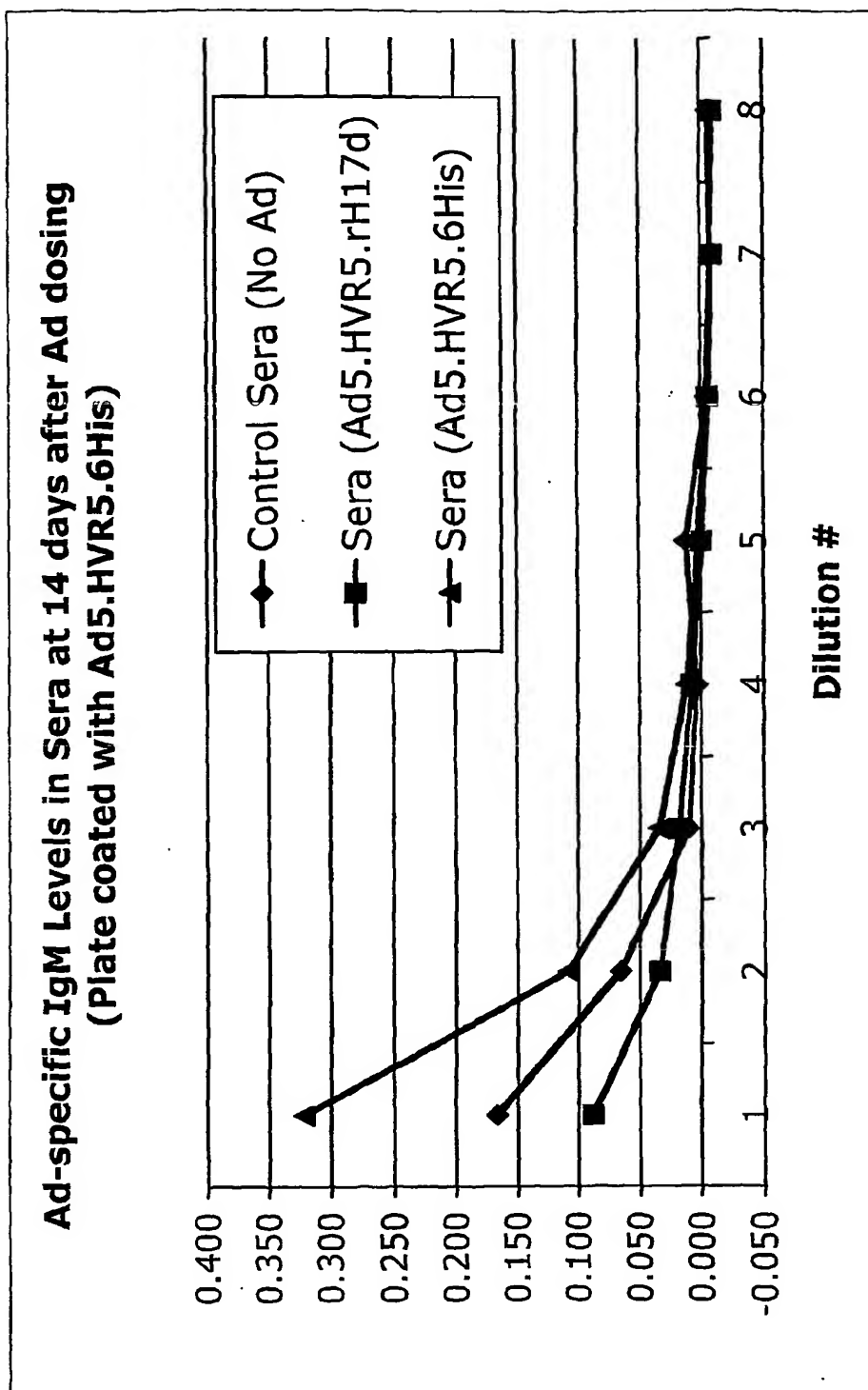


Fig. 37

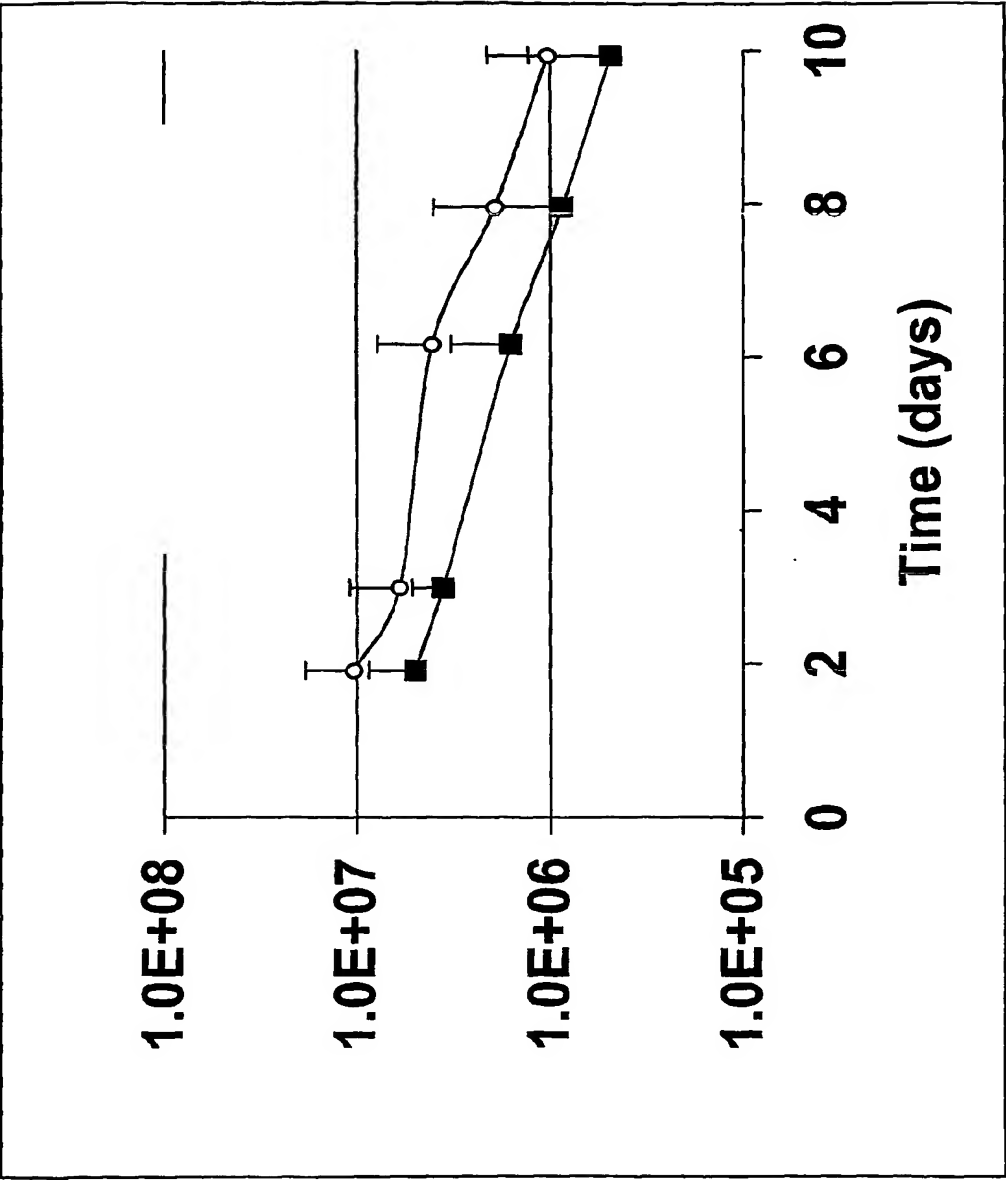


Fig. 38



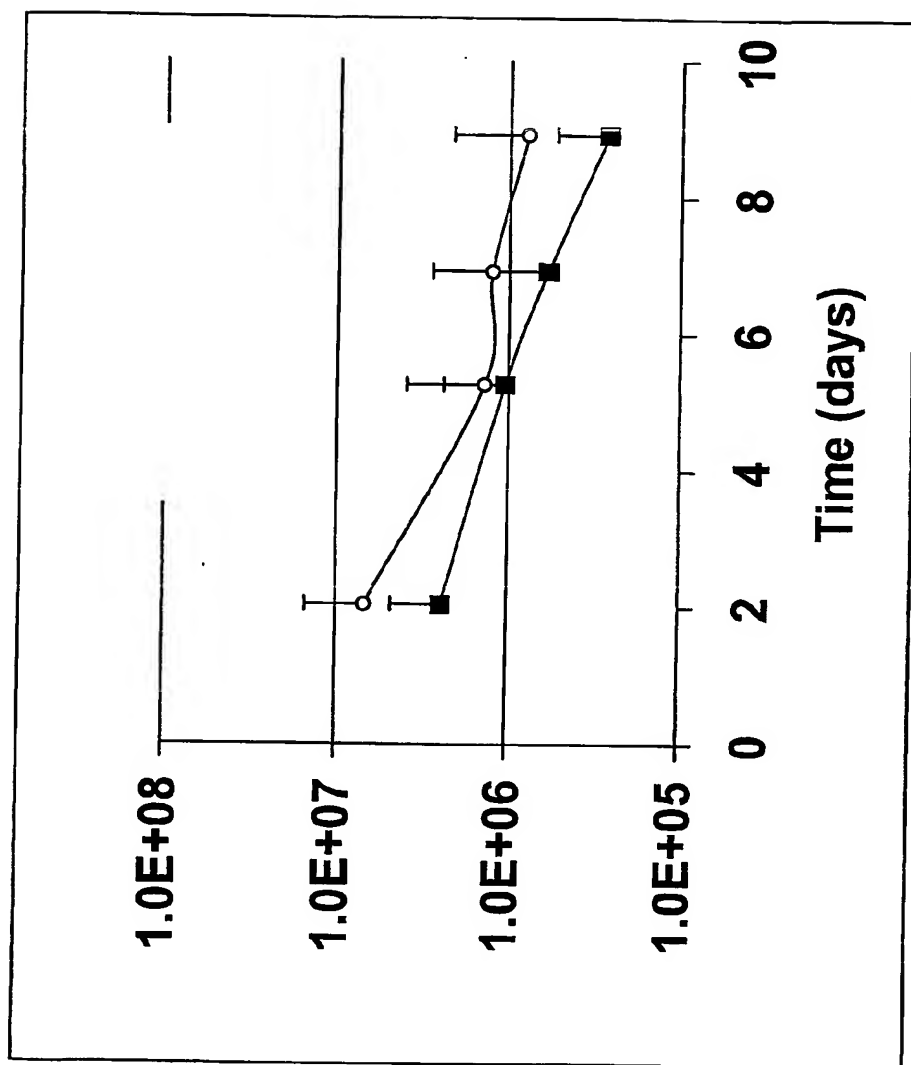


Fig. 39

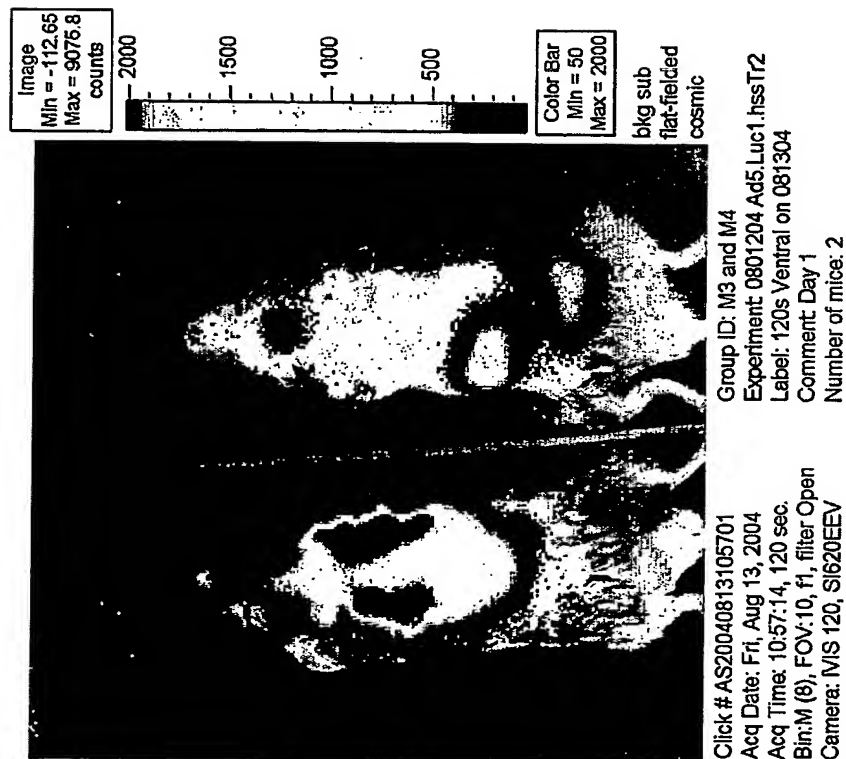
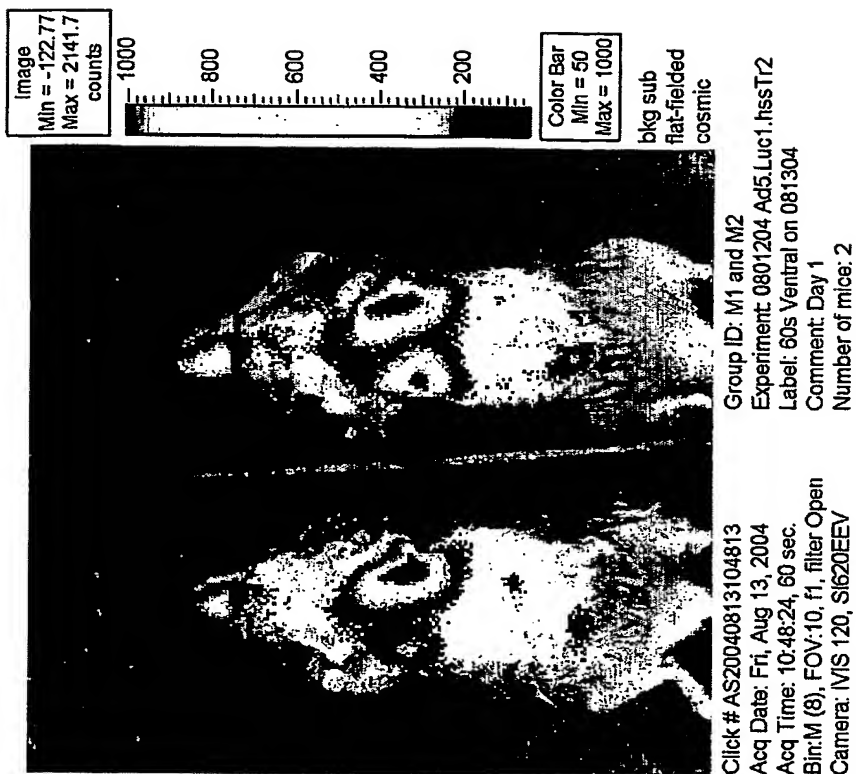


Fig. 40

Fig. 41

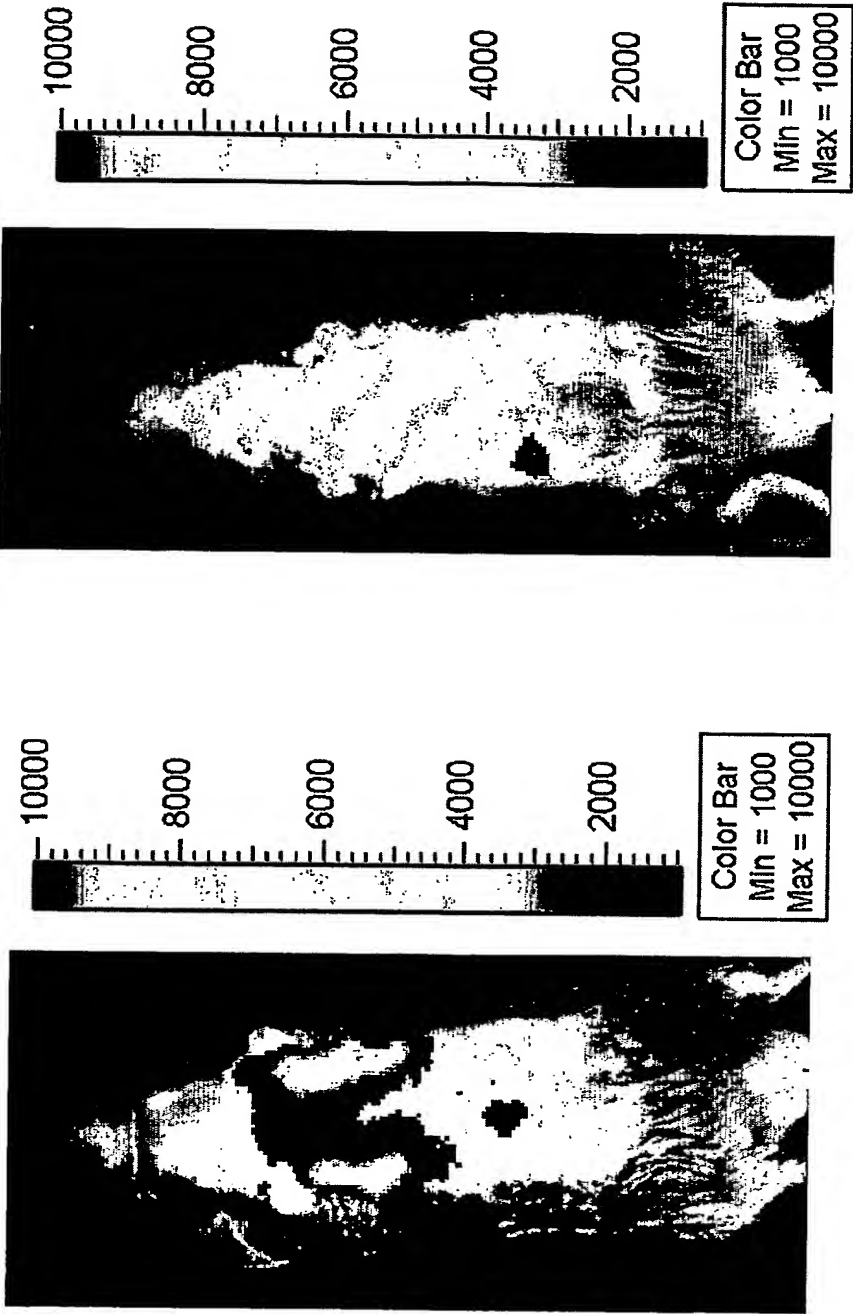
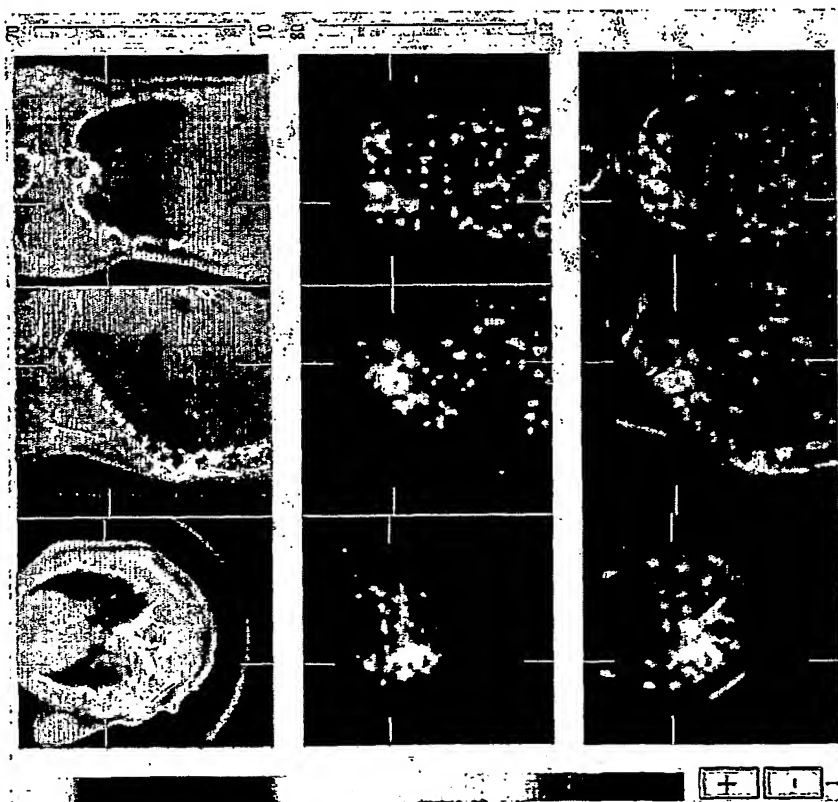
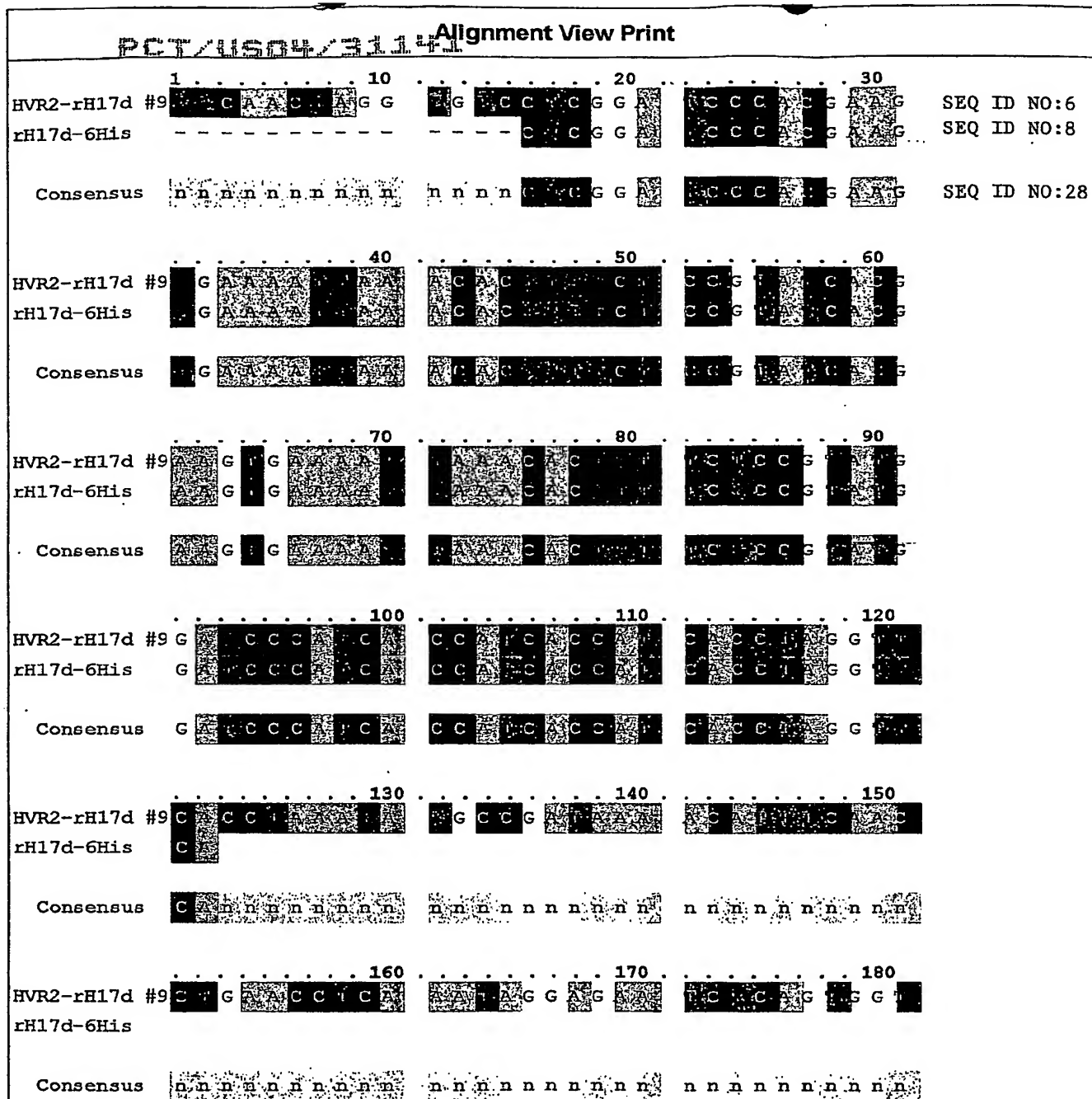


Fig. 42





## PCT/US04/31141 Alignment View Print

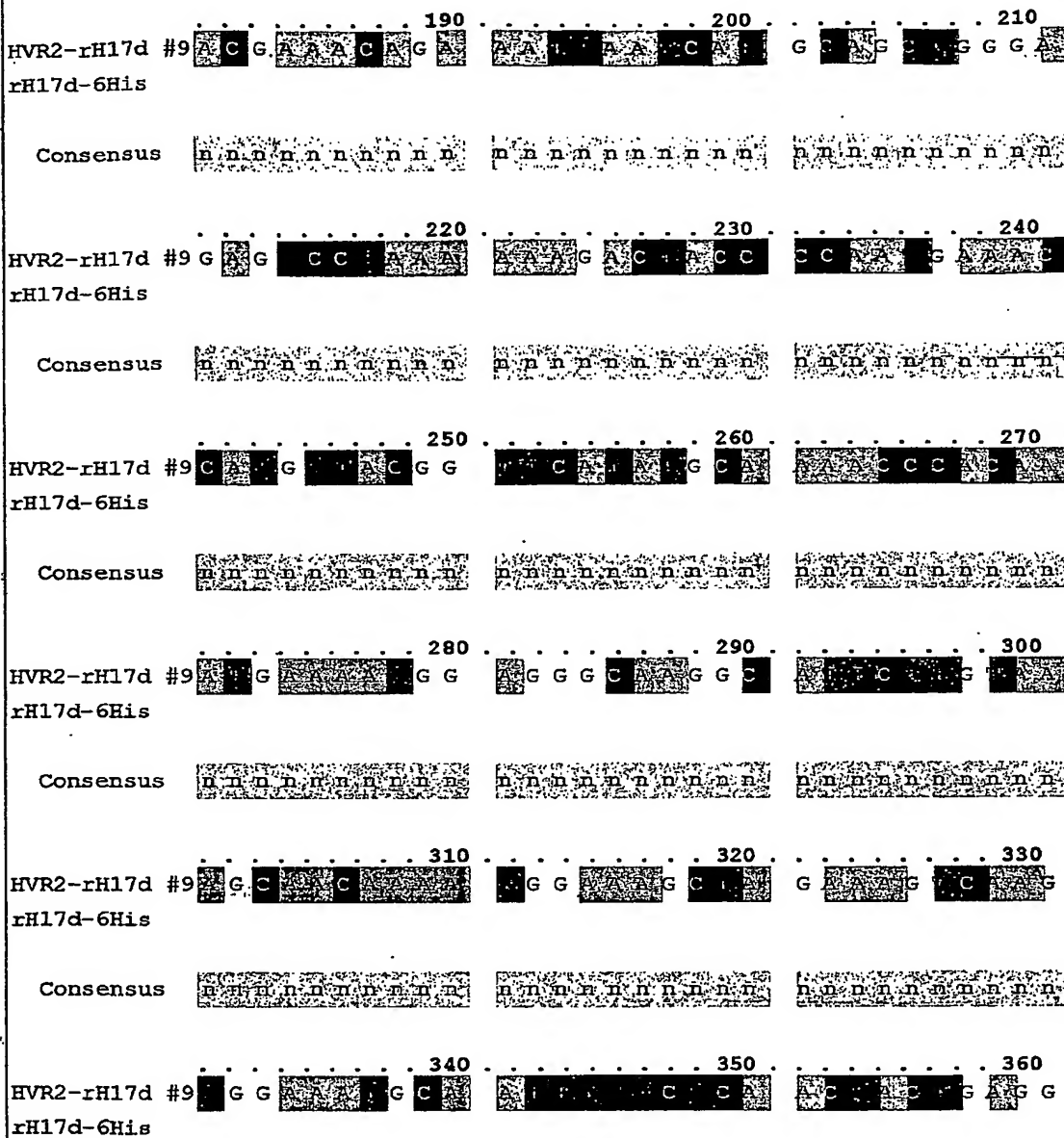


FIG. 43 (CONT'D)

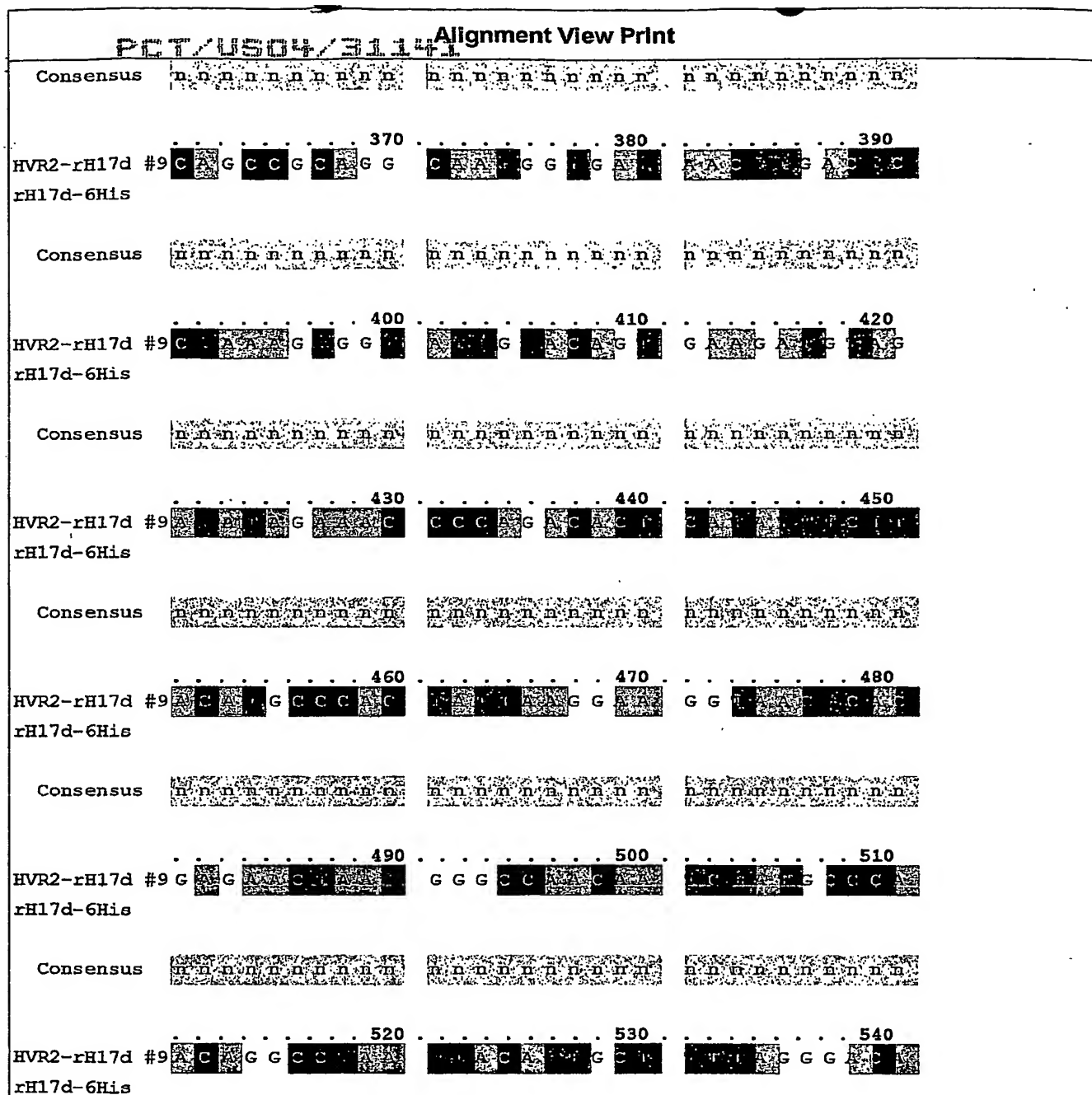


FIG. 43 (CONT'D)

PCT/US84/31141 Alignment View Print

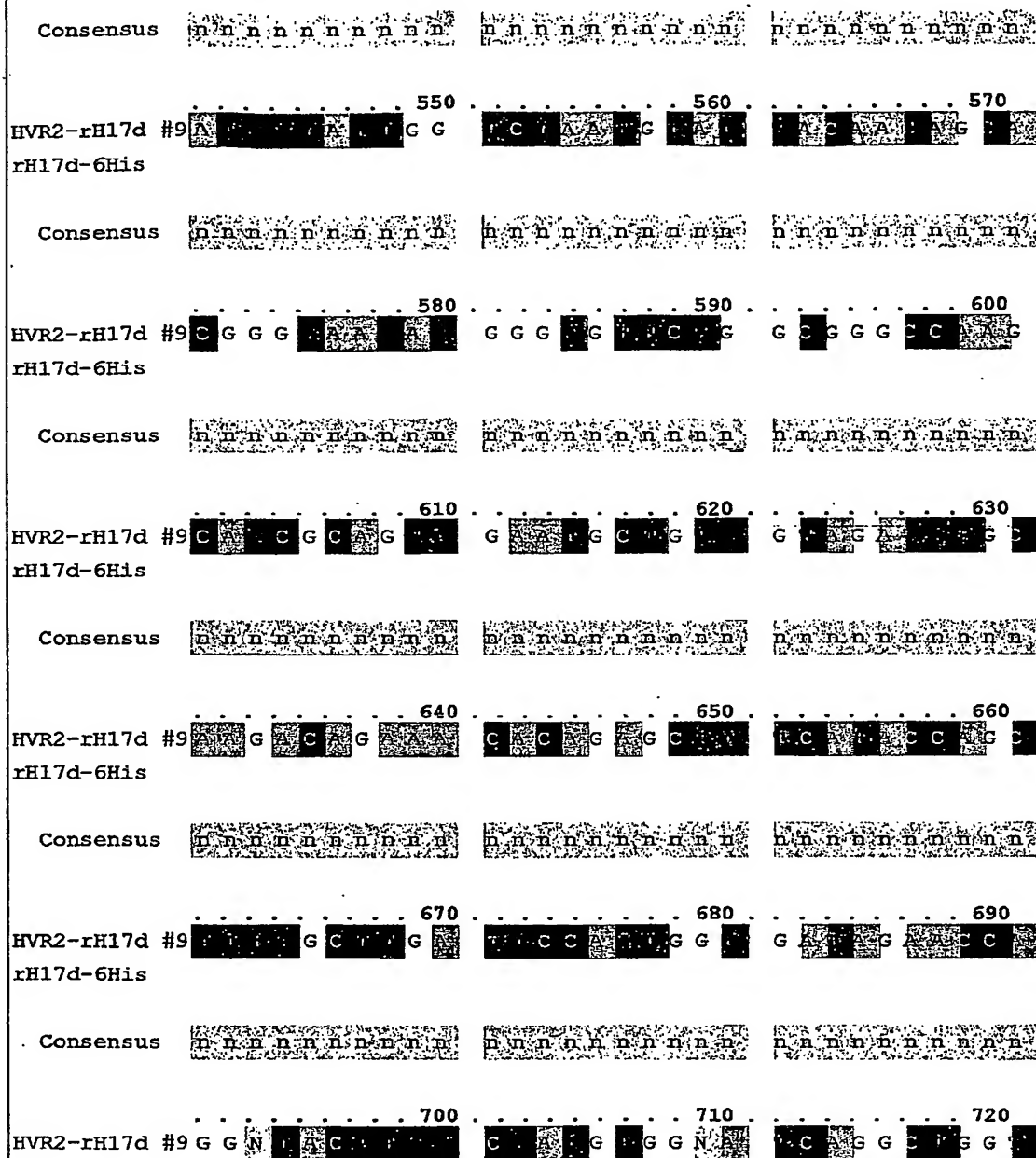


FIG. 43 (CONT'D)



Alignment View Print

rH17d-6His

## Consensus

n n n n n n n n n

. . . . . 730 . . . . . 740 . . . . . 750

HVR2-rH17d #9

**rH17d-6His**

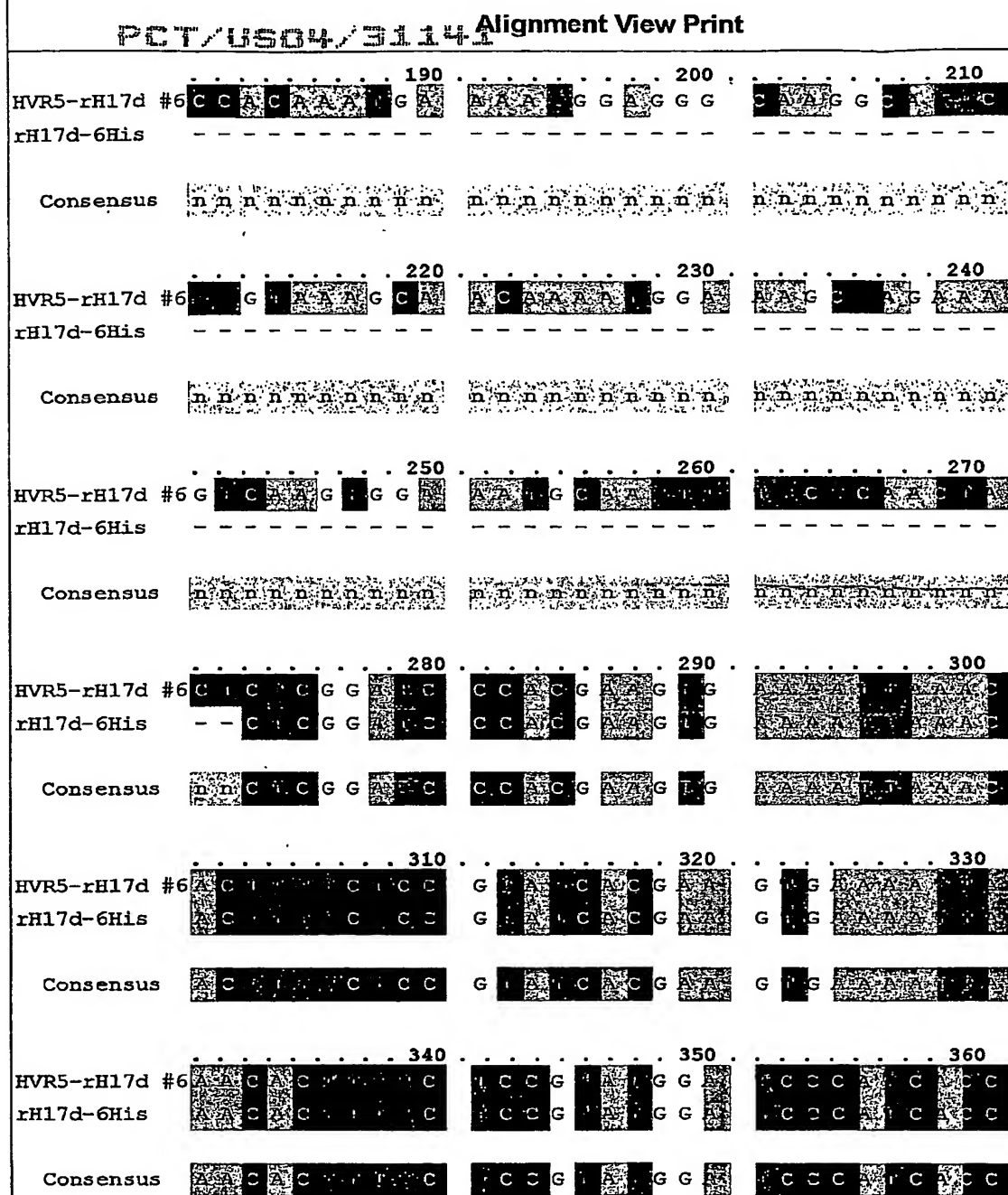
## Consensus

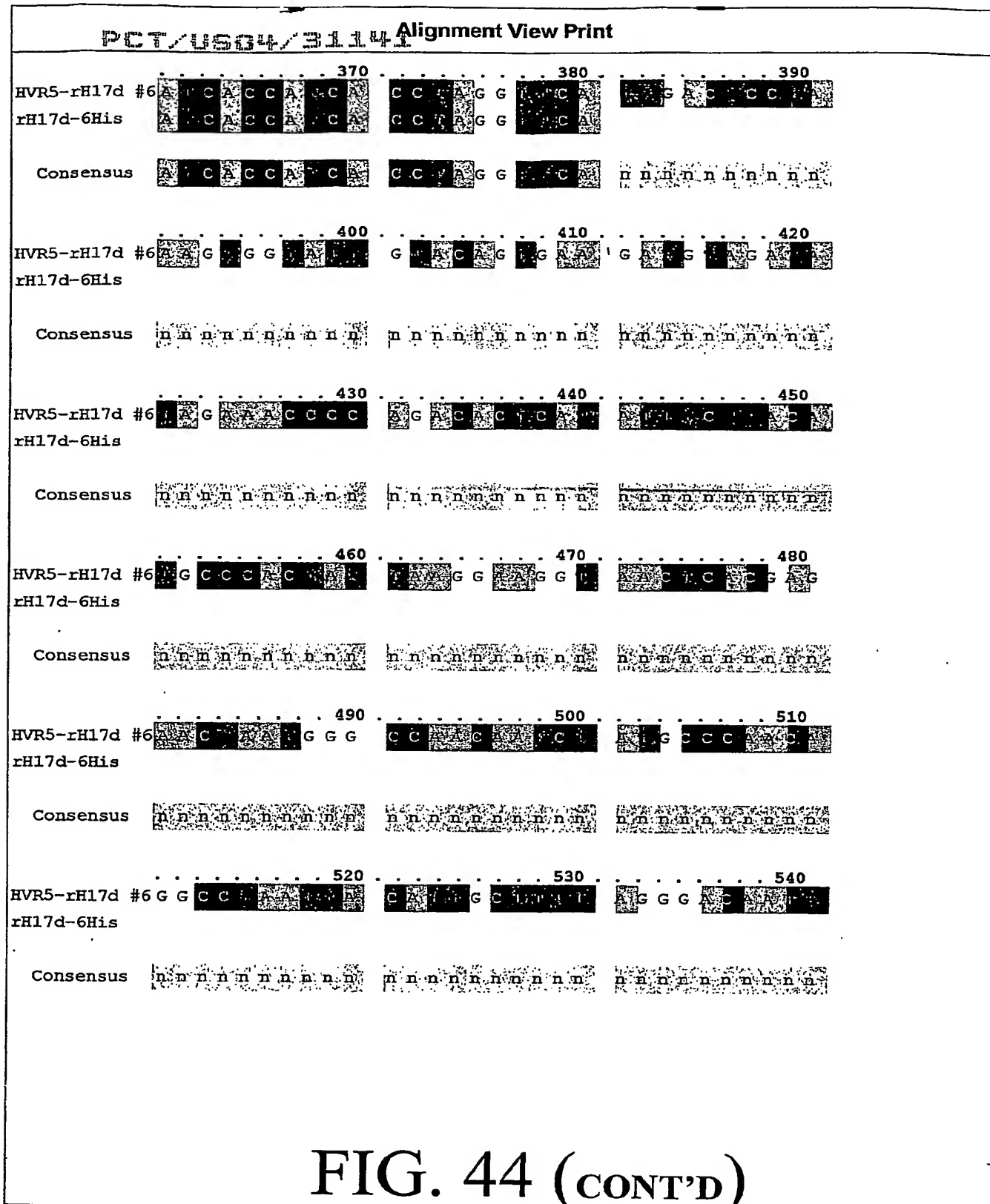
**FIG. 43 (CONT'D)**

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HVR5-rH17d #6	1 C N N N G G	10 G G N	20 C N C N N A A A	30 G G G C G A A G	SEQ ID NO:7
rH17d-6His	- - - - -	- - - - -	- - - - -	- - - - -	SEQ ID NO:8
Consensus	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n	SEQ ID NO:29
HVR5-rH17d #6	40 G C A A A C A C C	50 N A A A A G C C	60 G A A A A C A C		
rH17d-6His	- - - - -	- - - - -	- - - - -		
Consensus	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n		
HVR5-rH17d #6	70 C A C C G	80 A C C C A A A C	90 G G A G A A C C		
rH17d-6His	- - - - -	- - - - -	- - - - -		
Consensus	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n		
HVR5-rH17d #6	100 G G G C G	110 C C A G A A A A	120 A A C A G C A G		
rH17d-6His	- - - - -	- - - - -	- - - - -		
Consensus	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n		
HVR5-rH17d #6	130 C G G G G A G	140 C C A A A A G	150 C C C C C C C C		
rH17d-6His	- - - - -	- - - - -	- - - - -		
Consensus	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n		
HVR5-rH17d #6	160 G A C C G	170 A C C G G A C	180 C A A A C		
rH17d-6His	- - - - -	- - - - -	- - - - -		
Consensus	n n n n n n n n n n	n n n n n n n n n n	n n n n n n n n n n		

FIG. 44





## PCT/US04/31141 Alignment View Print

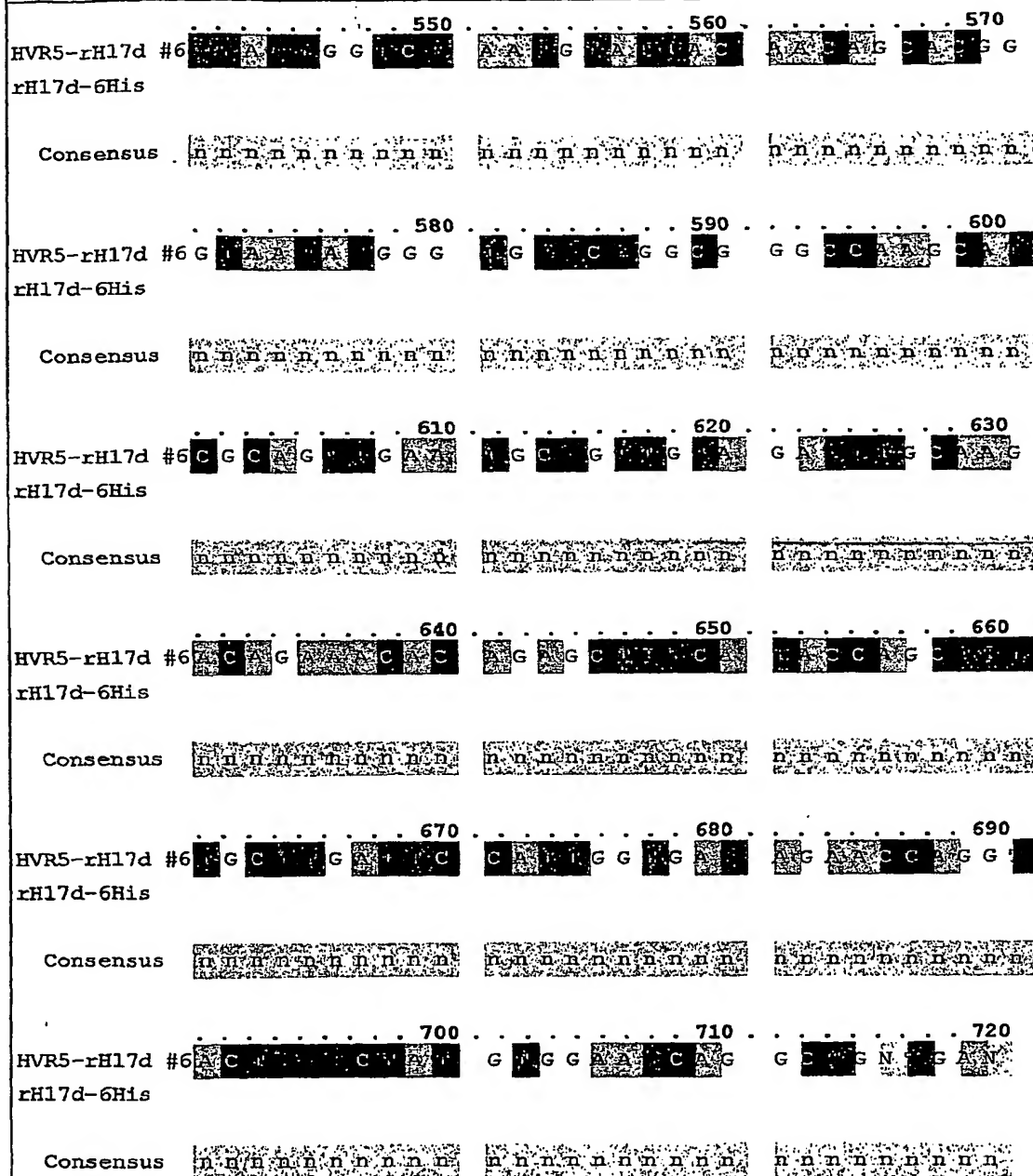


FIG. 44 (CONT'D)

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